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DTIC FORM 70A

USAFETAC/DS-82/006

DATA PROCESSING DIVISION USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF

SURFACE WEATHER OBSERVATIONS

BURLINGTON INTL VT N 44 28 W 073 09 FLD ELEV 335 FT BTV WMO # 72617

PARTS A - F POR FROM HOURLY OBS: JUN 73 - MAY 81

POR FROM DAILY OBS: JAN 48 - MAY 81

TIME CONVERSION GMT TO LST: - 5

DEC 23 1981

FOR PUBLIC HOLD OF NO SALE; ITS EDERAL BUILDING DISTRIBUTION AND GHARLED. "

ASHEVILLE, N. C.

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Wayne E. M. Cal WAYNE A. MCCOLLOM, Chief Technical Information Section

USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN AWS Scientific and Technical Information Officer (STINFO)

RD 80 15

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled to dry, interval,

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into dummary of the encountered control record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Unitors assumanty of affine each controls and the manner of presentation. Tabulations are prepared from bourly and daily observations recorded by Station using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC. DRY VS WET BULB

MEAN & STD DEV .

[DRY BULB, WET BULB, & DEW POINT]

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hours; observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summwries prepared from hourly observations.

JANUARY	APRIL	JULY	«ТОВЕК
FEBRUARY	MA Y	AUGUST	MOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

S74-29958

147	10.0N SUMMARY	BURLINGTON VERMONT		N 4	4 28	W 073 09	PIELD ELEV	BT		72617
		STATION LOCAT	ION A	ND I	NSTRU	MENT	TATION	HIST	ORY	
UMBER OF OCATION		GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS :	LOCATION	LATITUDE	LONGITUDE	ELEVATION FIELD (FT)	N ABOYE MSL.	OBS PER DAY
12345	Burling Same Same Same Same	ton MAP	WBAS WBAS Same Same	Dec 32 1 Jan 48 May 60 Nov 63 Jul 73	Feb 48 Apr 60 Nov 63 Jul 73 May 81	N 44 28 N 44 28 Same Same Same	W 073 09 W 073 09 Same Same Same	334 334 335 335 Same	336 335 335 348 350	24 24 24 24 24
NUMBER	DATE	SURFACE W	IND EQUIPMENT	INFORMATION	<u> </u>		 	'		
OF OCATION	OF CHANGE	LOCATION		TYPE OF TRANSMITT	TYPE OF RECORDER	NT ABOVE CROUND	REMARKS, AD	POITIONAL EQUIP	MENT, OR RE	SON FOR CHANCE
2	1 Jan 48 15 Feb50	Located on tower		Type S Friez Type S Instr. Corp.	Same	51 Pt 55 Ft]			
3 4 5 6	1 May 53 9 Jun 58 31 Mar68 25 Jan73	Same Located on the field Same Same		F420A F420B F420C Same	Same Same Same P130-1	60 Ft 20 Pt Same 0-5 Same				

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

400

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WRAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

A - 1

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

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STATION

STATION NAME

YEARS

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PIDENTAGE PRECUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TC VISION	TOTAL NO OF OBS.
3.434	0-01		4.4	.4	28.9		32.5	5.5	1.9	.7		t o i	748
	67-35		3.4	• 4	33.2		36.3	5.4	2.2	.9		50.0	743
	J6-35		3.6	•9	30.1		33.3	6.9	2.3	• ÿ		9.7	744
	.9-11		4.4	1.1	26.6		31.5	7.9	4.0	• •		12.4	744
	12-14		4.6	• 5	25.1		29.4	5.4	3.2	1.3		9.9	744
	1 1 7		4.C	.7	24.1		28.5	4.7	1.6	1.3		7.7	743
	13-25		4.4	.7	24.7		79.3	5.5	2.0	.7		8.2	744
	. 1-23		4.0	• 4	25.8		30.0	3.9	• 5	1.9		£ • 3	744
TOTALS			4.2	• 7	27.3		31.4	5.7	2.2	1.0		€.9	5950

ORIGINAL DATA PECUPDED IN SYNOPTIC CODE

USAPETAC PORM 0-10-5(GL A), PREVIOUS EDITIONS OF THIS PORM ARE DISSOLETE	
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WEATHER CONDITIONS

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SURLINGTON INTL VT

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STATION

STATION NAME

YEARS

HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FER	00-01		4.7	.4	19.5		23.7	7.2	1.2	.9		9.1	678
	03-05		4.0	• 4	21.2		24.5	6.2	.4	• 7		7.1	679
	05-83		3.7	.7	25.8		23.9	6.6	1.9	. 4		5.8	678
	, 9-11		5.2	•1	20.2		25.2	8.7	1.3	•6		10.6	578
	12-14		5.0	• 3	18.4	•1	23.7	5.9	2.1	.4	•1	c • 4	678
	15-17		5.7	.4	16.2		23.2	4.7	2.9	. 3		7.7	678
	18+15		3.2	.4	15.2		18.6	4.7	2.9	•1		7.5	678
	. 1-23		4.9	-1	16.7		21.1	5.9	2.4			6 • 1	578
TOTALS			4.3	•4	18.5	• ŭ	22.6	5.2	1.9	. 4	•3	P • 4	5424

OPIGINAL DATA RECORDED IN SYNOPTIC CODE

USAPETAC .	MICH	0-10-5/QL	▲ L	PREVIOUS	ROMONA	OF THE	FORM ARE	OMOLETE
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SI SAL CLIMATCLOGY BRANCH A - WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 #2 BURLINGTON INTL VT

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STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
** **	JO-02		5.7		13.3	• 3	19.8	9.1	1.3	• 5		11.0	744
	33-05		6.7	• 5	16.7	• 1	22.6	10.3	1.5	. 4		12.0	744
	. E-35		8.1	.3	17.9		24.5	13.7	1.9	• 3		15.3	744
	19-11		6.6	.3	15.5		21.6	11.4	2.3	• 3		13.0	744
	12-14		7.0	.4	12.0		19.0	5.5	2.3			7.3	744
	15-17		7.7	-1	10.3		17.2	5.9	2.3			7.5	744
	18 -2 9		7.7		12.5		19.5	8.2	2.7		•1	10.6	744
	21-23	• 3	7.8	• 3	13.3		20.2	9 • 4	1.5	• 5		11.2	744
TOTALS		•0	7.3	•2	13.9	• 1	20.6	9.2	1.9	• 3	•0	11.0	5952

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

USAPETAC ARY 64 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

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- AL CLIMATOLOSY MRANOM - Trac - Father Serviceznac

WEATHER CONDITIONS

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BUPLINGTON INTL VT

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PERCENTAGE FREWUENCY OF DECURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
16.5	. 0-02	•1	14.0		5 • 7		15.1	9.2	• 7			9.9	720
	33-35		11.4	•1	7.1		17.8	10.3	• 1			15.4	720
	5 - 03		13.7		7.5		15.5	9.9	•8			~ · 7	720
	30-11		13.1		9.4		18.6	5.3	• 3			5.6	720
	12-14		11.1		6.8		17.4	5.⊍	1.8			6.0	720
	15-17		16.1		5.0	• 1	15.1	3.6	•1			3.3	720
	16-2	. 4	12.8		4 • 4	•1	17.1	5.8	1.3			5.8	720
	1-7		12.1		4.9		16.4	7.2				7.2	720
-													
TOTALS		• [11.6	•0	ύ• 4	•0	16.8	6.9	• 6			7.5	5760

OBIGINAL BATA RECORDED IN SYNOPTIC CODE

USAPETAC POIM $0.10-5(0L\ A)$, previous editions of this poim are obsolete

AB CETAHTOLOUY GAARA AFFTAC 1 JESTHTH SERVICE/MAC

WEATHER CONDITIONS

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STATION

STATION NAME

YEARS

HTHOM

PEMCENTAGE FREQUENCY OF OCCUPRENCE OF FEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
er _{de} Y	'n-32	• 1	15.9		.4		11.2	6.3	3.4			4.7	744
	u 1 - 05		۵.6				8.6	9.4	1.7			11-2	744
	6-0%		7 •				7.0	8.3	5.4		•1	13.3	744
	0-21	•1	⋷•9				8.9	3.4	2.0			5.4	744
	1 -14	• 5	11.7		• 1	· ·	11.7	4.6	5.1			9.7	744
	15-17	1.1	19.5		• 3		10.9	2.7	• 7			3.4	744
	19-23	• 5	15.9		• 5		11.3	4.0	3.1		• 3	7.4	742
	. 1-23	.4	19		.4	• 1	11.3	6.1	1.1			7.0	741
TOTALS		. 3	10.0		• 2	۵.	10.1	5.6	2.8		• 1	5.5	5947

OWIGINAL DATA RECORDED IN SYNOPTIC CODE

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LE CLYHATMEQUY DHAYCH 1740 FATHEN SERVICEZMAC

WEATHER CONDITIONS

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STATION

STATION NAME

YEARS

HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER COMMITTIONS FROM HOUPLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
٠.٠٠	n-21	• 1	7.5				7.5	14.2	11.7			24.4	720
	3-55	• 1	7.0				7.9	15.C	7.6			21.4	720
	35 - 19		g • ö				8.9	11.9	12.6		-	24.0	720
	0-11	• 3	3.9				8.9	4.4	10.4			14.5	720
	1/-13	1.3	9.9				9.9	2.5	14.2			16.9	720
	15-17	1.3	11.9				11.9	3.1	6.9			10.5	720
	13-21	1.7	11.5				11.5	3.6	8.8			11.3	725
	1-23	2.5	12.2				12.2	6.4	7.1			12.6	720
													
						<u> </u>							
											,		
TOTALS		.9	9.8				7.5	7.7	9.9			17.0	⊌ 76 ∂

GRIGINAL DATA PECORDED IN SYNOPTIC CODE

USAPETAC	0.1	0-5(OL A	, PREVIOUS EDITION	S OF THIS PORM ARE	OSSOUTE
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WEATHER CONDITIONS

19942 STREINGTON INTE VT

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Jul

STATION

STATION NAME

PERCENTAGE FREDUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
J.L	ა ი- მგ	• 8	6.9				6.9	6.2	13.3			20.5	744
	13-05	1.5	8.5				٤.5	11.4	10.2			18.5	744
	€5=25	•1	5.6				5.6	8.6	15.3			22.7	744
	19-11	.4	4.6				4.6	1.5	11.5			12.1	744
	17-14	• ઇ	4.8				4.8	1.5	13.4			14.5	744
	15-17	1.6	6.2			• 1	6.2	1.2	5.4			6.6	744
	18-20	1.9	9.4				9.4	2.0	11.7			13.4	744
	/1-23	1.5	3.3				5.3	4.0	ნ∙5			12.3	744
						 							
TOTALS		1.1	٥.٤			• 3	6.8	4 • 8	11.1			15.0	5952

GRIGINAL DATA PECORDED IN SYNOPTIC CODE

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS PORM ARE ORBIGUETE

S AL CLIMATOLOGY SRANCH

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WEATHER CONDITIONS

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STATION

STATION NAME

YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
- ر ٠	0-02	1.2	J • C				9.0	13.4	12.6		-	24.9	744
	63-35	. 7	10.2				10.2	19.8	12.5			27.7	744
	.5-C3	•1	9.3				9.3	17.6	16.4			32.2	744
	u0-11		₫•1				8.1	7.7	15.1		-	22.0	744
	12-14	1.3	٤.1				8.1	3.8	14.8			18.4	744
	15-17	1.5	7.8				7.8	2.0	5.6			10.0	744
	18-27	2.2	3.1				8.1	2.8	13.3			15.9	744
	1-23	1.3	7.0				7.0	6.3	10+1			15.6	744
			L										
TOTALS		1 • 1	b • 5				8.5	9.2	12.9			24.7	3952

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

USAPETAC ANY 64 0-10-5(OL A), PREVIOUS COMONS OF THIS FORM ARE OSSOLETE

LOTAL CLIPATULOGY GRANCH PARETAC AT PEATHER SERVICE/MAC

WEATHER CONDITIONS

19142 FIREINGTON INTL VT

73-33

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STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	50 - 02	•6	3.9				9.9	14.2	8 • 2			26.0	740
	33-75		11.3				11.3	16.7	6•₽			21.0	720
	J6-08		12.4				12.4	16.4	6.9			22.2	720
	3-11	• 3	9.4	_			9.4	8.2	4.0			12.5	720
	10-14	•6	9.6			<u>-</u>	9.6	4.7	7.4		-	12.1	720
	15-17	1.1	11.1				11.1	6.4	4.4			15.3	720
	18-20	. 4	12.3				12.3	8.9	9.0			17.5	720
	21-23	• 7	12.8				12.8	3.8	8.1			15.3	720
TOTALS		• 5	11.2				11.2	10.5	6.5			16.6	5760

ORIGINAL DATA DECORDED IN SYNOPTIC CODE

USAPETAC POINT 0-10-5(QL A), PREVIOUS EDITIONS OF THIS POINT ARE OSSOLETE

1. AL CLIMATOLOLY BRANCH 1-13TAC FATHER SERVICEZMAC

WEATHER CONDITIONS

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SUPERINGTON INTE VT

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STATION

STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
- 6.7	60-52		15.9		1.7		12.4	12.2	3.5			15.1	744
	33 - 35		12.1		3.9		14.9	15.2	2.8			17.2	744
	06-03		14.0		3.6		17.0	15.2	3.5			18.3	743
	79-11		11.6		2.5	•1	13.8	8.7	2.3		•1	11.2	744
	12-14		12.0		1.6		13.0	6.3	3.5			9.5	744
	15-17		12.4		1.9		14.1	5.2	. 9			5.2	744
	18-25		12.2		.9		13.3	8.3	5 - 1			13.3	744
	41-23		11.3		1.2		12.1	ε.5	3.4			11.2	744
TOTALS			13.1		2.2	• 0	13.8	10.ú	3.1		•0	12.5	5951

OPIGINAL DATA "ECORDED IN SYNOPTIC CODE

USAPETAC	AAT 64	0-10-5(QL	A), PERMOUS EDITIONS OF THIS FORM ARE OBSOLET
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SHE RESERVATOR SERVICE Y SEASON SERVICE Y AS

WEATHER CONDITIONS

19.42 SUBSTINGTON INTL VT

73-83

NUV

STATION

STATION NAME

VEARE

MONTH

PEFCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
พอง	0- 02		11.9		11.7		22.2	12.4	1.5	. 1		14	720
	c3 − 05		11.5	. 7	10.4		21.4	14.0	. 4			14.4	720
	JE − 3 J		8 • 8	.6	10.0		18.5	12.9	1.7			14.5	723
	J9-11		9.3	.4	10.6		19.7	11.8	1+3			12.9	747
	12-14		5 ∙ 5		9.7		16.4	6.9	3.5			10.4	120
	15-17		9.3		7.1		15.7	8.5	•6			9.3	720
	12-25	•1	12.4		9.9		22.1	13.6	3.2	.4		13.9	720
	21-23		11.9	• 3	10.1		?1.9	11.6	• 6	• 4		11.9	720
								<u>.</u>					
TOTALS		•0	10.5	• 3	9.8		19.7	11.5	1.6	•1		12.6	5760

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

USAPETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C PAL CLIMATOLOGY ERANCH LTAC C EATHER SE VICE/MAC

WEATHER CONDITIONS

S HO BURLINGTON INTE VT

73-87

CEC

STATION

STATION NAME

YEARS

MONTH

PEPCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SHOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DC	ינ-מ		5.5	2.3	24.6		33.9	8.7	- 5	.8		15.1	744
	_3-75		5.4	1.5	26.6		32.1	9.1	.4	.9		10.5	. 4
	.d e=1 3		1 و د	1.2	22.1	,	27.7	8.3	• 3	• 8	•1	9.5	743
	0-11	•1	4.€	• 5	22.8		27.4	9.4	•4			9.6	744
	12-14		5.5	.9	21.6		27.2	8.3	1.1	• 3	·	9.7	744
	15-17		5.1	• 5	18.0		23.0	7.9	•1	• 3		5.3	744
	ر2-د <u>1</u>		3.7	1.6	20.4		25.1	8.2	.4	• 8		9.5	744
	21-23	•1	5.5	1.3	23.1		28.8	9.9	•7	• 8		11.4	744
<u>-</u>											·		
TOTALS		٠,5	2.1	1.2	22.4		27.6	8.7	• 5	• 6	•3	9.8	5951

MAIGINAL GATA RECORDED IN SYNOPTIC CODE

USAPETAC ALT 64 0-10-5(OL A), PREVIOUS SOMONS OF THIS FORM ARE OSSOLETE

S. AL CLIMATOLOUY BRANCH S. FLITAC F. SERVICE/MAC

WEATHER CONDITIONS

. W. BERLINGTON INTE VY

73-81

ALL

STATION

STATION NAME

YEARS

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HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
Ja	ALL		4.2	.7	27.3		31.4	5.7	2.2	1.0		3.9	5950
f t."			4 • 3	.4	18.5	• •	22.6	6 • 2	1.9	.4	•0	5.4	5424
* g 2		٠.3	7 • 3	•2	13.9	• 1	20.6	9.2	1.9	• 3	•3	11.3	5952
(p)		• 1	11.0	•a	6.4	•9	16.8	6.9	•6			7.5	5760
, ·		• 3	16.6		• 2	•0	10.1	5•6	2.8		•1	υ• 5	5947
ب جال		• 9	9.8				9.8	7.7	9.9			17.0	5760
JUL		1.1	6.8			• 0	5.8	4 • 8	11-1			15.0	5952
100		1.1	8∙5				8.5	9.2	12.9			20.7	5952
(ا		•5	11.2				11.2	10.5	6.8			16.6	5760
(.*			12.1		2.2	. 5	13.8	13.6	3.1		•3	12.8	5 9 5 1
NUV	-	•0	10.5	• 3	9.8		19.7	11.0	1.6	•1		12.6	5760
DLC		•0	3.1	1.2	22.4		27.8	8.7	. •5	•6	•0	9.5	5951
TOTALS		• 3	8.4	•2	8.4	. 3	16.6	8 • C	4.6	• 2	• 0	12.4	70119

ORIGINAL CATA RECORDED IN SYNOPTIC CODE

USAFETAC POINT 0-10-5(OL A), PREVIOUS EDITIONS OF THIS POINT ARE OSSOLETE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

AL CETALTOLOGY BRANCH 1/2/ETAC 47 FTHER SERVICEZHAC

ATHOSPHERIC PHENUMENA

14 74 0 BURLINGTON INTE VT

46-61

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF CAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JA .	GAILY	- 1	19.5	6.9	70.1		75.4	24.€	13.9	5.9		36.6	1054
FFS			10.6	5.5	65.1		71.1	26.3	13.0	6.6		30.5	961
m to		1.1	20.5	4.3	51.5		65.5	30.0	9.3	2.1		34.5	1054
42		2.9	49.5	1.9	22.1	• 2	58.7	32.3	3.5	• 1		33.7	1620
7/1		7.7	55.6	1.6	2.8	• 2	56.5	28.0	8.1			35.7	1054
Just		10.3	54.3	2.0		. 3	54.7	31.3	20.5			14.3	989
J.L		21.1	51.9	1.3		. 4	52.1	27.3	23.1			?7.3	1023
AUG		18.2	52.5	1.4		• 7	52.3	36.5	25.0			46.1	1022
F ►	1	7.3	50.7	• 8	. 4	. 4	50.0	39.7	18.3			46.1	990
0.71		1.9	46.6	1.7	9.6		50.9	35.0	11.2			38.4	1323
NOV		1.3	#0.6	3.7	39.7	• 1	72.4	35.3	6.0	1.0		36.3	965
01. C		-1	23.8	8 • 5	69.8		83.6	32.3	6.8	3.7		37.0	1023
TOTALS		5.7	42.2	3.4	27.6	• 2	61.7	31.5	13.2	1.6		33.3	12178

USAPETAC ANY 64 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

B

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWPALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00."	equals none	for th	e month	(hundredths)	
EXTREME DAILY SNOWFALL	".0"	equals none	for th	e month	(tenths)	
EXTREME DAILY SNOW DEPTH	"0 "	equals none	for th	e month	(whole inches)	į

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at OSOOLST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200CMT

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

THE STATION BURLINGTON THE YT

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC	ALL MONTHS
40	• 31	•32	•51	.99	.44	1.04	1.94	1.14	.45	.71	1.24	1.38	1.94
49 #	. 33	.66	-32	71	32	-31	1.78	2.31	54		49 -	34 .	2.31
50	.61	.30	1.16	•90	•56	.74	.91	1.23	.71	.41	1.38	2.58	2.58
51	61	1.71	59	59	53	-75	1.01	-60	2.21	1.58	1.54	56 +	2.21
52	• 33	.75	.61	.73	.85	1.74	1.20	1.05	.64	1.16	.16	1.43	1.74
53	-47	65	.67	.91	-69-	1.27	-36	1.63	64	81	66-	53	1.63
54	.70	1.34	.80	.86	.90	.92	•51	1.61	1.56	72	.94	·85	1.61
55	.21	1.06	-58	.70		1.90	. 96	3.59	1.58	1.03	70	.27	
50	•61	.64	.73	.76	2.09	.83	1.69	.43	1.04	.67	.46	•33	2.09
5.7	-54	.57	-61	55	.03	2.27	1.85	.45	- 90	73	82	1.09	2 . 27
5.8	.86	.69	.29	.83	•52	.87	.61	.94	1.32	1.00	.66	.46	1.32
5.4	94	47	41	97	.46	1.20	39	1.05	97	1.37	1.65	1.07	1.65
5	- 31	.72	.32	.41	1.21	1.27	1.24	.48	2.48	1.40	.85	.35	2.48
61	81	88	-68	92	70	99	1.83	79	1.44	56	-41	- 63	1.03
62	.43	•52	.64	.67	.61	1.18	1.75	1.29	.99	•65	.81	.45	1.75
63	29	-38	48	-65	.70	-60	-86	.76	52	-23	.52	-38	86
64	.76	.18	.97	.84	.87	.64	.91	1.40	.46	.74	.64	.64	1.40
65	35	. 38	.13	.72	40	1.71	71	1.38	96	-53	-85	30	1.71
6 6	. 44	1.08	1.01	.29	.53	.77	• 56	1.26	1.01	.43	.57	.61	1.26
67	65	.27	-16	81	.76	.56	2.04	.1.04	1.22	1.14	.53	1.08	2.04
6.8	•25	.27	1.36	1.35	.58	-68	.59	.69	.84	1.03	.69	.93	1.36
69	82	23	.55	.76	1.14	1.12	661_	-62	68	50	1.40	1.57	1.57
70	.18	.60	•30	1.19	.75	1.45	1.11	1.12	1.92	. 53	.41	.84	1.92
71	•52	-66	1.42	83	-66	.81	1.39	2.38	.77	1.15	-64	.52	2.38
72	•23	•56	.79	.66	.96	2.60	1.72	•66	.61	1.04	.70	.38	2.60
73	• 25	-55	93	-98	1.30	1.75	1.26	1.59	1.32	44	53	1.68	1.75
74	.44	.71	.70	.93	.94	1.87	•65	1.32	.81	•20	.79	.69	1.87
75	-68	4.3	1.34	60	-34	45	1.35	.75	1.06	87	73	74	1.35
76	1.05	.76	.43	.97	1.51	1.43	•55	1.07	1.48	1.23	.36	1.09	1.51
77	-5D	.75	-60	92	20	30	1.08	2.36	1.67	1.25	1.24	1.31	2.36
MEAN													
S. D.			-	 				 -		<u> </u>	 		
TOTAL OBS			 	 				 	 		 		

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC JUL 64 0-88-5 (OL A)

GCCPAL CLIMATOLOGY BRANCH CCAFETAC AI: MEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

14742 STATION STATION NAME

24 HOUR AMOUNTS IN INCHES

7: 1.27 .12 1.21 19 .92 .30 .79 20 .25 .25 .63 21 .13 .1-75 .38	APR. MA	PR.	JUN. JUL	AUG.	SEP	ост	NOV.	DEC	ALL MONTHS
8.1 •25 •25 •63	•52 •7 •92 • 8		.79 .92 .8331	•59	•75 + 1•63	1.02	.30	.76	1.27
	.63 .5 .62 1.7	6	.75 2.03	.89	.86	.68	.94	-28	2.03
			·						
				:	+			·i	
				!					
	:			+	+				
			: 	:	+				
				•	-				
	· · · · · · · · · · · · · · · · · · ·	_			·				
			3	!	+				
					†				
				<u> </u>					
MEAN .551 .633 .671	.785 .84	9	103 1.112	1.188	1.092	.826	.790	.813	1.875
S.D294 .389 .322 FOTAL OBS 1054 961 1054	.210 .47 1020 105		556 .538 990 1023	.676	507	.352 1023	.380 9 9 0	.507 1023	.524 12205

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC JUL 64 0-88-5 (OL A)

ULIEAL CLIMATOLOGY BRANCH LACETAC AT LEATHER SERVICE/MAC

FROM DAILY OBSERVATIONS

14742 DURLINGTON INTL YT STATION NAME

49-81

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост	NOV	DEC	ALL MONTHS
4.5	1.41	1.01	1.99	2.94	3.03	2.86	4.54	3.41	.87	2.51	5.17	2.53	32.
40	2.09	2.08	1.40	2.34	1.58	1.09	4 . 70;	4.42	2.64	1.46	2.62	1.80	28.2
• 3	2.42	1.31	2.79	1.52	1.58	2.38	2.41	3.90	2.45	1.61	4.36	4.10	30.4
<u>`1</u>	1.72	3.69	2.57	3.55	1.63	3.17	4.46	2.06	4.10	2.25	4.48	2.19	35.
5.2	1.64	2.10	1.73	2.63	3.14	4.02	2.14	3.30	2.26	2.28	.63	4.12	29.
5.3	1.88	1.38	3.03	3.51	3.31	2.67	1.29	5.81	1.52	2.26	1.38	1.94	29.
5.4	2.12	3.98	2.41	4.27	3.30	3.89	2.18	3.60	4.22	2.83	3.08	3.49	39.
5 5	• 56	2.79	3.27	2.16	4.25	4.05	3.10	11.54	3.15	4.31	2.78	.71	42.
5 ა	1.92	1.78	2.37	2.47	4.74	2.92	4.06	2.00	3.91	1.58	1.67	1.80	31.
5.7	1.23	• 90]	• 95	2.11	2.95	7.35	5.34	.72	3.27	1.55	3.07	3.93	32.
5 3	3.74	2.21	1.06	2.84	2.93	3.77	3.89	3.06	3.88	4.66	1.89	.82	34.
5.9	2.72	1.78	1.31	1.57	1.49	3.41	1.81	3.38	2.03	6.22	5.07.	2.55	34 .
60	1.24	1.98	1.42	2.64	3.64	3.51	3.37	1.53	4.90	4.04	1.96	.62	30.
61	•93	1.65	1.56	3.96	2.63	3.71	4.98	3.24	2.69	2.50	2.31	1.75	31.
52	1.37	1.36	1.86	2.59	2.24	2.06	5.93	3.46	3.56	3.28	2.75	1.73	32.
63	1.14	1.22	2.35	2.52	2.37	1.90	2.79	5.11;	1.42	•50	3.95	.96	26.
54	2.27	.63	2.64	2.11	4.67	3.00	2.87	4.10	1.49	2.20	2.10	1.63	29.
ა5 🏻	• 6 U	• 93	.38	2.16	1.05	4.08	2.91	6.27	3.19	3.32	2.65	1.47	29.
56	2.02	2.49	2.63	.93	2.49	2.63	1.92	4.46	3.33	1.41	1.41	2.92	28.
67	1.65	• 77	.51	3.77	3.19	3.12	4.60	3.79	3 . D6	3.03	2.12	2.61	32.
63	1.26	1.28	3.23	3.54	2.43	3.66	2.70	2.36	2.06	2.73	4.37	3.12	32.
69	2.43	. 94	1.93	2.93	3.10	4.01	2.40	3.71	1.88	1.62	4.98	4.59	34.
73	•65	1.95	2.01	2.78	3.14	4.38	1.92	3.44	3.93	2.66	2.35	3.77	32.
71	1.24	2.98	2.71	2.65	2.97	2.29	4.29	4 . 85	1.63	2.16	2.29	1.93	31.
72	. 93	1.69	3.58	2.26	2.83	6.52	6.12	2.35	1.69	2.60	4.10	3.43	38.
73	2.13	1.55	2.39	3.80	5.38	7.69	3.02	5.41	5.02	1.93	2.31	5.95	46.
74	1.90	1.54	2.73	3.47	4.61	4.45	3.70	2.60	3.23	.78	3.60	2.08	34.
75	2.20	2.01	2.86	1.71	1.17	2.47	3.77	2.85	4.12	3.85	3.14	2.36	32.
76	2.99	2.85	2.35	2.54	5.86	4.04	3.05	4.69	3.77	4.34	1.63	1.97	40.
77	1.61	1.78	2.97	3.13	.29	2.06	3.34	6.27	6.33	5.02	4.22	3.42	40.
MEAN				1					-	+			
S. D.													
TOTAL OBS									\rightarrow				

0-88-5 (OL A) USAF ETAC

GLUBAL CLIMATOLOGY BRANCH USAFETAC AI: "EATHER SERVICE/MAC

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT
STATION STATION NAME

48-81

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост	NOV	DEC	ALL MONTHS
70	4.67	•21	2.98	2.51	2.16	4.36	3.50	1.82	2.07	3.72	.95	2.11	31.36
79	4 • 50;	•60	2.15	3.61	3.12	1.39	1.23	3.42,	3.84	2.31	3.89	1.50	31.56
80	.61	•67	2.44	2.39	1.61	1.92	6.11	3.83	4.41	2.48	2.92	1.50	30.89
81	.49	5.38	1.32	3.05	3.76				<u> </u>				
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MEAN	1.823	1.814	2.164	2.734	2.901	3.498	3.468	3.872	3.088	2.727	2.915	2.464	33.39
S.D	1.024		.793	.758		1.481	1.339	1.908	1.237	1.257	1.227	1.218	4.38
TOTAL OBS	1054	961	1054	1023	1054	990	1023	1023	990	1023	990	1023	1220

USAF ETAC JUL 44 0-88-5 (OL. A)

2

SLIGAL CLIMATOLOGY BRANCH USAFETAC ATE REATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNC WF ALL (FROM DAILY OBSERVATIONS)

14742 STATION BURLINGTON INTL VT

48-81

YEARS

						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	DUNTS
PRECIP	HOME	TRACE	61	02-05	.0410	.1125	.26 . 50	.51-1.00	1.01.2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS	NO.		(INCHES)	
NOWFALL	HOHE	TRACE	01-04	0.5-1.4	1.5-2.4	2 5 3 4	3 5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50 4	MEASUR.	OF OBS.	MEAN	GREATEST	LEAST
SHOW DEPTH	NONE	TRACE	1	,	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS				
JAN	27.1	27.2	17.6	14.7	4.9	2.8	1.4	1.9	6	. 3				44.1	1054	1º.3	42.4	3.5
PED	34.3	27.5	13.4	12.8	4.6	2 • 4	2.2	1.4	1.1	• 3				38.2	961	16.5	34.3	1.
MAR	40.2	22.3	11.4	9.3	3 • 5	2.1	1.1	1 • 2	• 7	• 2				29.5	1054	13.1	33.1	• 3
APR	77.5	13.7	3.2	3.1	1.0	• 6	. 4	• 3	• 1	• 1				8.8	1020	3.6	16.8	TRACE
MAY	97.3	2.1	. 4	. 2			• 1							. 7	1054	• 2	3.9	• 6
JUN	10.0														990	• 0	• 0	• 0
JUL	10.0														1023	• 0	• 0	• 0
AUG	100.0														1023	.0	•0	
SEP	9.6	. 4													990	TRACE	TRACE	•:
ост	93.3	8 • 4	1.0	. 2				• 1						1.3	1023	. 3	5 • 1	. [
NOV	59.9	21.8	7.5	5.5	1.9	1.2	1.2	• 5	• 5					18.3	990	7.4	19.2	TRACE
DEC	29.0	29.3	17.1	12.6	3 . 8	3.0	1.7	1.3	1.7	. 4	. 1			41.6	1023	19.9	56.7	2.1
ANNUAL	72.1	12.7	6.0	4.9	1.6	1.0	. 7	• 6	. 4	• 1	.0	,		15.2	12205	79.3	X	

1210 WS JUL 44 0-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

GLEBAL CLIMATOLOGY BRANCH STAFETAC ATE SERVICESMAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

14742 URLINGTON INTL VI STATION STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост	NOV.	DEC	ALL MONTHS
4 -	4 . :	5 • 8	4.0	TRACE	•0	•0	• 0	•0	•0	TRACE	TRACE	• 7	5 • 8
<u> -49</u>	3.9	3.8	2.4.	2		•0	<u>u</u>						3.9
50 %	5.6	3 • 7	2 • 5	• 9	• 0	• Ü.	•0	• 0			2.8	2.4	5.6
	4.4.	5.3		2. <i>1.</i>	. D.			_	<u></u>		4.7.	9.6.	9.6
5.2	2.8	9.4	5 • 2	_	TRACE	• 0	•0	• 0	• 0	• 8	3.7	9.4	9.4
53	5.5;		2		IRACE.	D	-0	D	<u>.</u>		سواما	_ 1.6.	_ 7.5
4	10.3	7 • 7	7.0	• 8	• 0	• 0	• 0	• 0	• 0.		1.5	7.19	10.3
	2.3	8.5	5.2	1.9	0				0			2-6-	B-6
50	3 - 4	6 · J	7 • 3	• 2	• 3:	• 0	• 0	• 0		TRACE	3.3	5.2	7.1
57	<u> </u>	- 4	7.2	8				-0		IRACE.	1.7.	4.04	7•2
5.5	ز . 8	12.1	3.4	• 5		• 0	• 0	• 0		TRACE,	9.2	3.5	12.1
50	12.5	4.7		1	_ D,	0	<u>.</u>				4a	6.5	12.5
· ·	2 • 3	6.3	4 • 7	• 6	.0	• 0	•0	• 0	• 0		• 7	5.5	6.3
-1-	14.5	1.3	9.1	2.9							2.4	8.0	
1.2	3.2	10.7	4.5	1.4	•0;	• 0	• 0	• 0	.0	. 1	2.1	7.0	10.7
53 #	5.8	3.9	5.0	9			الله ـــــــــــــــــــــــــــــــــــ	0			2.E.	4.9	5.6
1,4	2.2	1.9	12.1	4 . 3	• 0'	• 0	•0,	• 0	• 0	• 1	• 5	8.0	12.1
05	5.4		1.8		<u>.</u>							3.4	5.4
56	6.7	13.1	2.2	2.1	3 • 5	• D	• 0	• 0	•0	TRACE	2.2	10.6	13.1
67	4.4	4.0	2.8	4.1	1.4			D.			3.3	9.11	<u>9•£</u>
68	3.6	7.9	4 • 2	TRACE	• 0	• 0	• 0	• 0	• 0		4 - 3	8.5	8 • 5
67	5.9	4.6	3.0	3.7								14.5	
76	2 - 3	3.2	2.5	1 . 3	• 4	• 0	•0	• 0		• 1	2.5	11.0	11.0
71	3.4	5.6	13.3	7.3	- 2					0	8.6	6.6	13.
12	3.0	7.9	4.7	4 . 8	• 0	• 0	• 0	.0	• C	TRACE	4.7	5.8	7.9
73	4.9	9.2	- 8	3.0		-0		<u>_</u> _	C		1.6		12.5
74	4.2	4 - 1	7.0	13.0	• 0	. 0	•0	۵.	0.	. 1	3.9	3.8	13.0
75	4.8	5.3	3.1	4.8	70405				0	TRACE	4.1	6.5	6.5
76	5.9	6.5	6.1	. 4	TRACE	• 0	• 0	• 0	• 0	• 4	4 . 8	2.2	6.5
77 MEAN	6.2	6.0	<u> </u>	8	TRACE					0	9.6		امو
S. D.											+		
TOTAL OBS						+					-		
IUIAL UBS			i										

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC JUL 44 0-88-5 (OL A)

GL. AL CLIMATOLOGY BRANCH

AT AFATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

14742 DURLINGTON INTL. VT.

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	oct.	NOV	DEC	ALL MONTHS
7 c	10.6	2.4	5.4	.9	TRACE	.0	•0	• 0		TRACE		16.9	16.
9.j .1	. o	3.2		.3	.0	• D	•0	•0		TRACE	9.8	4.8	10.
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					+								
MEAN	5.12	5.60	4.87	2.22	.16	0.0	00	. Dn	TRACE	- 26	3.61	6.48	9.5
S. D.			3.035		.64D	000	מממ	.000 1323			2.625		3.18

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLUBAL CLIMATOLOGY BRANCH JEAFETAC AIR JEATHER SERVICE/MAC

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT
STATION HAME

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH"	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT ,	NOV.	DEC	ALL MONTHS
4 3	18.3	9.8	12.3	TRACE	• 3	• 0	•0,	•0	•0	TRACE	TRACE	2.1	42.
4.9	17.5	11.6	7.5	• 2]	• 0	0,	• 0,	_ • D,	•0	• 0	8.1	7.1	52.0
75377	20.0	19.7	11.0	. 9.	• 3	• 0	•0	•0	TRACE	TRACE	4.8	10.9	67.
51	12.6	12.2	7.0	3.0	• 0	• D	•0,	• 0 ,	• 0	TRACE	14.4	24.7	73.
52	8.7	23.2	11.6		TRACE	•0	•0	• 0	•0	. 8.	4.3	20.2	68.
53	12.3	14.7	• 3:	4 . 6	TRACE	• 0	• D;	• 0	•0	• 0	.4	4.1	36 •
54	33.0	29.9	15.3	• 9	• 0	• 0	.0	• 0	• 0	TRACE	4.0	26.1	109.
55	7.6	21.0	21.8	1.9	• 0	• O;	• O,	• G	•0	TRACE	5.5	13.2	71.
50	16.7	18.8	28.0	• 2	. 3	• 0	.0	.0	TRACE	TRACE	10.3	22.3	96.
57	12.5	1.3	8.6	1.0	TRACE	• 0	.0	• 0	TRACE	TRACE	1.8	12.0	37.
5.2	33.7	34.3	12.3	. 8	TRACE	• 0	.0	.0	•0	TRACE	11.2	9.3	101.
50	29.2	24.4	13.1	• 1	• 0	• O;	• 0	• 0	• B	TRACE	6.8	22.4	96.
60	16.3	19.3	8.0	• 9	•0	• 0	• 0	• 0	• 0	TRACE	•7	9.1	54.
61	15.9	2.4	16.5	7.0	TRACE	• 0	• 0	• 0	• 0;	TRACE	5.9	21.1	68.
· 元言 #-	6.9	24.3	15.0	3.6	• 0	• 0	• 0	• Q	•0	• 1	4 . 3	16.8	71.
63	12.8	15.8	21.5	1.3	TRACE	• 0	•0	• 0	TRACE	TRACE	4 . 4	14.8	70.
54	7.5	8.8	14.4	6.5	• 0	•0	•0	• 0	• 0	• 1	1.2	23.3	61.
55	11.8	4 . 3	7.9	1.1	• 0	• 🗓	• 0	• Q	• 0	. 4	12.4	11.9	49.
56	41.3	28.5	8.3	4.9	3.9	• 0	•0	• 0	•0	TRACE	2.4	36.2	125.
67	20.5	12.6	6.1	4.7	2.6	• O ₁	• 0	• 0'	• 0	TRACE	13.3	17.1	73.
68	18.4	24.8	14.5	TRACE	• 0	• 0	• D	.0	• 0	TRACE	18.8	28.6	135.
69	15.8	17.0	12.4	3.7	• O;	• 0	• 0	• D	• 0	5 • 1	10.5	50.8	115.
76	11.1	13.8	10.5	2.4	. 4	• 0	• 0	• 0	•0	• 1	2.7	56.7	97.
71	17.1	23.1	33.1	12.6	• 0	. 0	• 0	• 0	• 0	• 0	19.2	19.3	124.
12	14.3	25.1	21.8	9.2	• 0	.0	• D	• 0	• 0	TRACE	12.2	39.0	121.
73	11.4	18.5	2.3	6.3	• 0	• D	• 0	. 0	• 0	• 1	2.6	24.1	65.
74	21.5	9.9	23.9	16.8	.0	• 0	•0	.0	•0	. 1	11.5	16.8	97.
75	14.8	22.0	12.4	13.3	• 0	. 0	• D	۵.	•0	TRACE	5 • 3	16.3	83.
76	28.3	20.4	18.8	. 9	TRACE	• 0	•0	•0	• D	• 9	13.3	11.5	94.
77	24.2	16.4	9.6	1.8	TRACE	. 0	• 0	• 0	• 0	• 0	16.0	22.6	90.
MEAN				<u>ئەنىسىتىسىنىسى</u> ا									
5. D.													
TOTAL OBS													

USAF ETAC FORM UL 44 G-88-5 (OL A)

GLCSAL CLIMATOLOGY BRANCH USAFETAC AI: WEATHER SERVICE/MAC

EXTREME VALUES

FROM DAILY OBSERVATIONS:

14742 BURLINGTON INTL VT STATION NAME

48-81

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT.	NOV.	DEC	ALL MONTHS
7:	42.4	4.0	12.5	1.0	TRACE	•0	•0	• 0	•0	TRACE	5.7	24.1	90.0
79	37.9	6.6	1.6	8 • 4	•0	• 0	• 0	0,	•0	1.5	. 4	6.0	62.4
83	3.0	11.6	16.8	• 3		• 0	•0	. 0		TRACE	14.2	17.5	61.4
81	8.7	11.9	13.3	1.1	•0	• •	• •		• • •				
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MEAN	18.34	16.53	13.15	3.60	.21	•00	.00	.00	TRACE	.28	7.38	19.91	79.9
5. D	10.034	8.133	7.027	4.237	.792	.000	.000	.000	.000	.925	5.4601		25.00
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023	990	1023	1220

USAF ETAC FORM JUL 44 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT
STATION MAME

YEARS

}		AMOUNTS (INCHES)														MONTHLY AMOUNTS		
\$NOWFALL I	NOME	TRACE	0.1-0.4	.02- 05 0.5-1.4 2	.0410 1.5-2.4	.11- 25 2 5-3 4 4-4	2690 3-5-4-4 7-12	51-1.00 4-5-6.4 13-24	1.01-2.50 6.5-10.4 25-36	2.51-5.00 10.5-15.4 37.48	5.01-10.00 15 5-25 4 49-60	 	OVER 20.00 OVER 30 4 OVER 120	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	(INCHES)		
		TRACE TRACE														MEAN	GREATEST	LEAST
	NONE																	
JAN	5.7	11.1	10.8	8 • 6	7.7	17.6	24.6	12.3	2.1	•1				83.9	1054			
FEB	2.3	13.5	9.6	8.0	8.2	16.8	26.8	13.9	.8					84.2	961		}	
MAR	22.4	21.5	9.4	7.4	5.2	12.2	14.4	6.6	.9					56.1	1053			
APR	24.6	7.6	2.7	1.8	1.0	1.5	. 8							7.7	1020			
MAY	99.4	• 2	• 2											. 2	1054			
NUL	100.0														990			
JUL	100.0														1023			
AUG	100.0														1023			
SEP	100.5														990			
ОСТ	98.2	1.5	• 1		• 1	• 1								• 3	1023			
NOV	77.0	12.7	7.7	3 . 3	2.4	2.9	. 9							17.3	988			
DEC	19.7	17.8	14.8	8.0	8.3	14.0	13.3	3.1	1.1					62.5	1015			
ANNUAL	66.8	7.2	4.6	3.1	2.7	5.4	6.7	3.0	. 4	• 0				26.0	12194			\searrow

1210 WS JUL 64 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

GLOBAL CLIMATOLOGY BRANCH STATETAC AT- EATHER SERVICE/MAC

EXTREME VALUES

SNO. DEPTH

(FROM DAILY OBSERVATIONS)

14742 STATION STATION NAME
STATION NAME

DAILY SNOW DEPTH IN INCHES

MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP	OC1	NOV	DEC	ALL MONTHS
48	1.3	12	14	٥	a	۵	0	۵	٥	0	TRACE	2	14
49	6	10,	5,	TRACE.	<u> </u>		0	D		-	2 .	3+	<u>10</u>
วินั 🕴	6	8	5	1	a	O.	0	0	0	0	1	3	8
<u> 51</u> +		6,	2	2,	<u>a</u> ,_		O,		a	. 0.		.14,	_14
52	3	14	11	TRACE	0	C.	Ð.	0	C	1	2	1 0 j.	14
_53	9,	5,	TRACE		Ω,			0.			IRACE.		
7.4	13	14	8	3	O)	0	۵	0	D.	٥	1	4 4	14
55		9	6	1				O,	a		. .		9
5.,	L	10	14	2	۵	<u>ا</u> 0	0	D,	ũ	٥	3	5	14
5.7	6	5	7		TRACE:			o,		IRACE	, 2.	\$+	9
5 %	19	33	1	TRACE	0	0	O	0	0	0	10	9 ¦	33
_54	24	13	10	TRACE	a,		0.		0;		<u> </u>	12+	24
50	11	10	5	٥	0	0	0	D :	٥	٥	. 1	5 (11
51	17	5	10	2						0	2,		17
1.2	13	17	12	3	a	O	a	3	C,	TRACE	2	9	17
63	9	15	21	TRACE		0	Oi	ni	0;	0			21
6.4	40	4	12	5	اِن	0	٥,	0;	3	_	TRACE	11	40
65	5	5	3	IRACE	ــــــــــــــــــــــــــــــــــــــ					IRACE	- 6		6
4.6	17	22	9	1	1	0	O.	O.	a	0	TPACE	14	22
67	14		5	3			n;			a	3	11#	14
6ი	11	10	10	0	J	O.	0	Ω ⁽	۵	٥	7	19	19
69	25	14	15	3		n	a,	o;		5		33	
70	28	19	16	2	0	o j	ָם,	O,	0	TRACE	1	32	32
71	23	21	31	9						0	9	11	31
72	9	16	10	2	Q _i	O	0	D)	3	0	4	9	16
73	5	- 8	5	2	a	0	<u>a</u> i				1		10
74	12	4	8	12	۵	ο	O.	0	٥	TRACE	4	6	12
75	9	12	5	7					0		3	12	12
76	18	11	7	TRACE	ם	a,	o	۵	٥	TRACE	5	5	18
	1.8	17	هه	2		n	1	ام	م	<u> </u>			مد
MEAN													
\$. D.												I	
TOTAL OBS													

NOTE + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC JUL 44 0-88-5 (OL A)

GLUMAL CLIMATOLOGY BRANCH UMAFETAC AIM JEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

STATION BURLINGTON INTL VT.

48-81

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост	NOV	D€C	ALL MONTHS
7.	2 9		12	1	0.	0	0 ₁	D.	2	O IRACE		16	2
- [/	1		1	 J	0	0.	9.	D.	0	O		9	10
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1						İ			[i		
MEAN	15.1	11.6	9.4	2.0	. 1	• 0	0	. 0	a	2	3.2	9.9	17.
S. D.	d • 663	6.213	5.899	2.725	.239	.000	.000	.000	.000		2.744	7.354	8.65
TOTAL OBS	1054		1054	1020	1054	99.0	1023	1023	990	1023	990	1023	1220

NOTE + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC JUL 44 0-88-5 (OL A)

U S AIR FORCE
LANGEMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

foliums for mean the state of the foliations do not foliate measurements from ancomplete months.

SLUBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINGS

(FROM DAILY OBSERVATIONS)

STATION BURLINGTON INTL VT --

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN.	FE	:B N	IAR.	APR. , A	MAY JI	JN. J	IUL.	AUG.	SEP.	oct.	NOV.	DEC ;	ALL	 IS
75	}	S #	325	365	425	32.5	285	38 S w	335	34	S 31	S 38	s 37		
-	د ـ د	3.2iS	95:SH	42NH	32S	37.NH	335	28W	295				15		<u> </u>
77		335E	35W	35NW	405	305	325W	295	255				,	NW	43
		333E	_35₩ _29N4_	41NN	33U	22S	35NH	50S_	_ 3as					Nh	_50
79		28/AM	33SE	49NW	37SE	315		265W	30\$. — п	SF	
,			335E 30S	395	37.5L	_ 32S	345 27NH	_ 33S_	32S				- 1	S	_39
31.		59⊫ 57S	45 NW	302	45/SE	- 343		-333	3&3		24 73	S36	NM 344	3	31
		-													
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		 _ 			1	<u> </u>			: 						
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								!	í	į	1		ļ		
							i			-					
		-	-					-							
MEAN	36.	5 3	5.6 3	a 9	37.3	33.0 3	11.5	tu D	29.8	34.7	33.2	37.3	38.2		
S. D.						559 3.				3.983		4.082			031
TOTAL OBS			198	217	209	215	183	186	186	180	186		184	2	30

NOTES # (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM 0-88-5 (OLA)
S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

AL GLIMATOLOGY ERANCH # ETAC # SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	BURLINGTON INTE VT	74-81		J & 1.
STATION	STATION NAME		YEARS	MORTH
		ALL HEATHER		u a ua+1100
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	۰٥	4.2	5.2	1.2								11.6	7.0
NNE	• 1	• 7	. 7									1.5	6.2
NE	• ?	2.7	• 4									3.4	4.9
ENE	1.7	5.6	• 9									8.5	4.0
E	2.5	3.2	• 1									6.2	3. 3
ESE	1.5	1.5		. 1	• 3						l ———	3.6	5.7
SE	1.1	1.2	. 9	• 5								3.6	5.3
SSE	• 5	. 7	1.3	. 9								3.5	7.5
5	1.5	3.5	6.9	10.3	1.5	• 1						23.0	13.6
SSW		1.1	1.7	• 3						 	<u> </u>	3.1	7.5
SW	1	• 5	• 5	. 4								1.5	3.3
W\$W		• 4	• 8	.8					1			2.0	10.1
w	• 5	• 3	1.3	2.4								4.6	15.1
WNW	.4	. 7	2.3	1.5	•1							5.3	9.0
NW	.4	1.6	3.0	3.D	• 1				T	<u> </u>		8.1	9.3
NNW	• 5	2.2	3.6	• 9	•1							7.4	7.6
VARBL													
CALM		> <	$\supset <$	><	><	>>	> <		$\supset <$		><	2.5	
	13.3	29.4	29.7	22.4	2.2	. 1				3		100.0	7.7

TOTAL NUMBER	OF OBSERVATIONS	744

LU AL CLIMATOLOGY PRANCH CLICATO A FATHUR SERVICEZMAC

92 GURLINGION INTL VI

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-81

	-						<u>330 ن</u>	- <u>6536</u> # (U.S.T.)					
	-				cos	IDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	8	4.7	3.8	1.3								12.3	7.2
NNE	. 3	. 3	• 5	•1								1.7	6.0
NE	. 5	1.3										1.9	4.3
ENE	1.9	٥.3	. 4					}	-			6.6	4.3
E	2.4	3.5	•1	. 3								6.3	4.3
ESE	2.3	1.1	.1			L'						4.0	3 • 3
SE	.0	1.5	• 3	.1	. 4							3.2	6.5
SSE	1.1	1.1	2.0	.7	1							200	7.5
\$	2.0	3.0	7.1	9.8	1.6	تما						22.7	13.4
SSW	. 5	1.3	.7							<u> </u>		7	5.7
sw	. 4	. 9	. 5	3						<u> </u>		2.2	4
WSW	4	- 4	. 7	1.1	- 1	ļ			ļ		<u> </u>	4.7	9.1
W	3	-4	1.3	2.0		 _				ļ		4.5	9.9
WNW	3	1.3	2.3	1.9			<u> </u>	L			<u> </u>	9 و د	9.0
NW	- 5	1.2	2.3	1.6						ļ	<u> </u>	5.7	9.5
NNW	- 4	2.3	4.6	2.3			<u> </u>			ļ <u>-</u>		9.7	8.6
	8	1		1		1	1	1	ŧ	1	1	"	1 -

TOTAL NUMBER OF OBSERVATIONS

L THE CLIMATOLOGY SHANCH
THREE SERVICE MAC

wsw

WNW

NNW

VARBL

CALM

. 8

• 7

1.3

1.6

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 642	S.RL.	INGTON	INTL V	T			74-	9.1					ن	A .
STATION			STATIO	N NAME						YEARS				104TH
						ALL WE	ATHER						J£50	<u>~3a7i_</u>
		_					LASS.						HOUR	6 (L.S.T.)
		_												
						CO	DITION							
		_												
		п		,							, ,		,	,
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	. 3	3.4	4.8	1.5							_	13.5	7.4
'	NNE	• 3	1.7	• 7	• 1								4.5	6.2
	NE	1.1	2.4	• 3									3.5	4.2
	ENE	7.2	5.3	. 9									9.9	4.4
	E	1.9	3.2	• 5	• 3								5.9	4.5
	ESE	2.•€	2.2	• 3	. 4		L						5.6	4.4
	SE	1.5	• 0	• 9	• 3	• 1							٨.٠	5.0
	SSE	• 5	1.2	1.5	• 3	• 1							.i • ?	€ • 5
	S	1.2	3.9	6∙0	9.1	1.9	• 1						72.3	16.6
	\$5W	. 4	1.6	1.6									3.5	6.
		7							T	1			II .	, -

• 1

• 3

• 3

• 1

1.6

1.7

1.3

1.5

4.7

TOTAL NUMBER OF OBSERVATIONS

5.6

3.2

744

USAFETAC $\frac{\text{RORM}}{\text{JUL-64}}$ 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY 3945 CH

SURFACE WINDS

A SEATHS & SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41	RLINGTO	N_	INTL V	T MAME			74-	81		YEARS			إســــ ـ	A .
		_				ALL WE	ATHER							-110
						•	LARS						8048	B (6.8.7.)
		_				COI	DITION				-			
SPE (KN)	TS) 1 - 3		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	· .	ء	2.7	5.5	2.7								11.7	6.
AN.	₹E .	3	2.0	1.6	. 4				-				4.3	0.9
N	€ .	5	2.5	• 5									3.6	5.0
EN	E 2.	9	2	• 7									6.3	4.
E	1.	5	. 7	. 4									2.6	4.
ES	€ .	9	1.5	. 3	• 3	•1							3.1	5.7
SE		8	- 5	• 1	•1								1.6	4.7
\$5	€ .	3	1.1	. 9	1.2	1							3.5	8.
5	1.	1	6.3	11.6	9.7	3.1	. 5			I			32.3	10.3
55	w	4	9	1.2	1.2								3.5	8.5
SV	v	آذ	. 3		1								1.1	5.5
ws	w				. 7								٧٠	11.1
w	<u> </u>	1	- 4	1.1	1.5	<u> </u>						L	3.6	11.3
WN	w	3		1.5	2.2	1							4 . 8	9.6
NV.	<u> </u>	1	1.5	2.0	2.7	- 4							7.7	9.1
NN	w l	7	2.4	3.2	1.5	1							7.9	7.8
VAR	84.	$_{ m I}$												
CAI	M >	\subseteq	$>\!\!<$	$>\!\!<$	\times	$\geq \leq$	><	><	><	><	><	$\geq <$	1.2	
		T								I				

TOTAL NUMBER OF OBSERVATIONS

744

L - AL CLIMATOLOGY BRANCH PRITAC L RIATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14:42	muPLINGTON INTL VT	74-81		JÀ √
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1200-1400
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	3.1	6.2	2.8	.4							14.5	8.3
NNE	۶,	1.3	• 0	• 3						T		3.4	5.7
NE	.7	• 4	• 3									1.3	4.5
ENE	• 5	1.1	• 1						I			1.7	4.2
ŧ	• 5											• 5	3.0
ESE	• 5	• 3								<u> </u>		. 3	2.5
SE	. 7	• 7	• 1	• 1								1.5	4.8
SSE	• 8	. 4	. 4	1.1		• 3						3.0	y . 5
5	1.6	5.1	12.2	12.6	3.1	• 9						35.6	10.7
ssw	- 1	1.2	1.9	1.5							l	4.7	5.9
sw	• 1	• 7	• 5	• 3								1.6	8.1
wsw		4	• 3	.7							L	1.3	9.3
w	. 4	• £	• 9	2.2	• 1	• 1						4.6	13.3
WNW	• 5	• 3	1.5	1.5						<u> </u>		3.5	9.0
NW	. 7	2.4	4.0	2.2	• 1							9.4	5.4
NNW	1.1	2.3	4.2	2.8	• 1							13.5	9.4
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	\times	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$		2.2	_
	10.6	20.4	33.6	28.0	3.9	1.3						100.0	5.9

<u> </u>				170.0	5.9	
	TOTAL NUM	ABER OF OBS	SERVATIONS		744	

HAL CLIMATOLOGY BRANCH HITAC

LATHTH SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	20131	INCTON	INTL V				74-	£1	 ,	EARS			نِـــ ـ	A '
•		_				ALL DE	ATHER				_			-1703 (La.Y.)
		-				сон	DITION							
Γ	SPEED (KNTS)	1 - 3							-		1	_	N	
1	DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	40 - 55	≥\$6	*	MEAN WIND SPEED
-		3	4-6	7 · 10	3 • 0	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6	10.3	SPEED
-	DIR.	. 7				17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6		WIND

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6	*	MEAN WIND SPEED
N	. 3	4.6	9.0	3.0								10.3	أوة
NNE	. 4	1.1	2.3	. 1								3.9	6.3
NE	• 5	- 6	1.3			Ĺ						2.7	6.2
ENE	7	• 5	• 9						L			2.2	5.5
E	3	. 5	• 3									1.1	5.1
ESE	. 8	• 7	.7	. 1								2.3	5.8
SE	• 3	• 9	. 4									2.0	4.4
SSE	. 4	9	1.9	. 8					L			4.5	7.5
\$	1.7	6.5	9.0	8.1	1.7	.7						27.7	9.7
SSW	. 7	1.1	.7	• 5								3.0	6.5
sw	4	ာ	. 8	1.1					<u></u>			3.2	7.0
wsw	. 4	3.	• 7	. 7		-1		L				2.2	9.1
_w	5	5	1.5	3.2	1							5.9	10.2
WNW	6	7	1.3	1.9	-3			L	L	l		5.3	9.4
NW	5	2.6	2.0	2.6	- 3							7.9	8.9
NNW	3	2.5	3.0	2.3					L			9.1	6.5
VARBL							L						
CALM	X	\times	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.0	
	9.6	25.3	35.8	24.4	2.4	8						163.0	2.3

TOTAL NUMBER O	F OBSERVATIONS	743

LIZAL CLIMATOLOGY PRANCH INTLITAC AT LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14/42	BURLINGTON INTL VI	74-81		JAV
STATION	STATION NAME		YEARS	MORTH
		ALL HEATHER		1880-2560
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	*	MEAN WIND SPEED
N	• 5	5.6	5.0	2.4								13.6	7.3
NNE	• 1	2.2	.7	• 1								3.1	5.0
NE	• 5	2.2	• 3									3.5	5.3
ENE	• 3	2.6	.7			i ——		<u> </u>				4.3	4.9
E	1,9	1.7	•1							<u> </u>		3.9	3.5
ESE	2.4	• 9	. 4	• 3								4.3	4.2
SE	• 3	1.2	. 8			<u> </u>						2.9	5.0
SSE	• 3	1.5	1.9	. 8						_		4.4	7.6
S	1.7	4.3	6.6	8.9	• 5	· E						72.6	9.7
SSW	-3	1.3	. 8	• 5						<u> </u>		3.0	7.1
sw	• 8	• 7	• 5	. 4								2.4	5.1
WSW	.4	. 4	•7	.9	• 1				·	· · · · · ·		2.6	8.8
w	•1	. 4	1.7	2.8	• 5				1			5.6	11.1
WNW	•5	• B	1.7	3.8	• 1	<u> </u>						7.0	16.5
NW	• 5	2.2	1.5	2.2					 			6.3	8.2
NNW	•8	2.8	3.6	2.0					 			9.3	7.6
VARBL										<u> </u>			
CALM	$\supset \subset$	> <	> <	\times	> <	> <	> <	> <	> <	> <	> <	2.0	
	12.6	33.8	27.6	25.1	1.3	2.						138.5	7.7

LLL	120.0	7.7
TOTAL NUMBER OF OBSERV	/ATIONS	744
		/ 4 4

St AL CLIMATOLOGY BRANCH
 FTAC
Above SEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	146104	74-81											A - :
	STATION MADE YEARS												IO#TH
	_				ALL JE	ATHER						2100	-23C
					c	LASS						HOVE	8 (L.S.T.)
	_				COR	DITION							
	_												
SPEED													MEA
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	WIN SPEI
N	1.1	3.9	4.0	2.2								11.2	7.
NNE	1.3	1.9	. 8									4.3	14
NE	1.1	1.1	. 4									2.6	4
ENE	1.7	3.0	.9									5.6	4
E	2.3	3.0	•1									6.0	4
ESE	2.5	3.D	. 5	• 3								5.3	4
SE	1.3	1.1	• 7	• 3								3.4	4
SSE	. t	1.3	1.9	1.3								5.4	7
5	1.3	3.5	6.0	13.6	1.1	• 5						23.1	10
SSW	• 7	. 7	. 4	. 3								2.0	5
SW	. 4	. 3	. 3	• 3								1.2	6
wsw		• 1	• 5	. 7	•.1							1.5	15
w		. 3	2.5	2.6	.1							5.0	10
WNW		1.7	1.2	3.4	• 3	I						5.9	10
NW		1.6	2.8	2.4	• 3							7.1	9
NNW	• 3	1.3	3.9	1.3	•1							7.0	8
VARBL													
CALM	$\supset <$	$>\!\!<$	> <	$\supset <$	> <	$\supset \subset$	> <	$\supset <$	$\supset <$	$\supset <$	><	1.7	
	16.2	23 4	26.6	25 5	2 7	-						100.0	7

PAL CLIMATOLOUY BRANCH FACTAC FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14742	Edelington intl VT	74-81	ZAL
STATION	STATION NAME	YEARS	BONTH
		ALL MEATHER	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 · 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N	• 9	3.0	5.4	2.1	• 1							12.4	7.7
NNE	• "	1.5	1.0	• 2								3.1	6.1
NE	• 7	1.6	• 5									2.8	4.9
ENE	1.5	3.5	. 7									5.7	4.5
E	1.7	2.1	• 2	• 1								4 - 1	4 - 1
ESE	1.0	1.4	• 3	• 2	• 1							3.7	4.5
SE	1.0	1.0	• 5	• 2	• 1				I		Ĺ	2.0	5.5
SSE	• 6	1.0	1.5	• 9	• 1	0.						4.1	7.8
5	1.5	4.5	8.2	9.9	1.8	₩.						76.4	10.3
55W	. 4	1.1	1.1	• 6								3.2	7.2
SW	. 4	• 5	. 4	. 4								1.7	7.2
WSW	• 2	• 3	• 5	.7	• 1	• •						1.8	9.7
w	• 3	• 5	1.4	2.3	• 3	•						4.7	10.4
WNW	-4	• 9	1.7	2.2	• 2							5.3	9.6
NW	• 6	1.8	2.4	2.4	• 2							7.3	8.9
NNW	• €	2.2	3.8	1.8	• 1							e.6	8.1
VARBL													
CALM		\ge	\times	$>\!\!<$	> <	> <	$>\!\!<$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	2.2	
	13.1	27.7	29.7	23.9	2.8	. 5						130.3	8.2

TOTAL NUMBER OF OBSERVATIONS	5 95 0
	272

SE TAL CLIMATOLOGY PRANCH TATETAC AT VEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION	EURLINGTON INTL VT	74-81 YEARS	F E
		ALL WEATHER	U000-0200 HOURS (LS.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	2.2	2.7	. 4	. 6							0.3	7.8
NNE	• 7	1.6	. 4						L			2.€	4.5
NE	1.9	1.0	• 1									2.9	3.5
ENE	3.2	5.5	• 1									8.8	4.0
E	6.3	4.4	•1									10.6	3.5
ESE	3.9	2.1	. 4									6.3	3.7
SE	1.8	1.6	. 4	•1	• 1							4.1	4.9
SSE	1.2	1.6	• 7	. 4	. 3							4.3	6.4
5	1.9	4.6	6.5	6.9	1.5	• 3						21.7	9.5
SSW	. 3	1.0	.6	. 3								2.2	6.3
sw	. 4	1.0	. 4	• 1								2.1	5.6
WSW	. 3	• 1	• 3	. 3								1.0	7.9
w	- 6	. 7	1.6	1.3						_		4.3	7.1
WNW	. 9	. 6	1.9	.1	. 4							4.0	8.3
NW	. 4	1.0	2.7	2.8	.1							7.1	9.4
NNW	• 3	1.0	2.2	3.4	• 7							7.7	11.0
VARBL													
CALM	><	\times	\times	\times	\times	> <	\times	\geq	$\geq \leq$	><	$\geq \leq$	3.7	
	24.2	30.2	21.4	16.4	3.8	•3						190.0	6.6

TOTAL NUMBER	OF	OBSERVATIONS	_	67	7 ŝ	

ULL AL CLIMATOLOGY PRANCH PARTETAC ATT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 .42	PURLINGTON INTL VT	74-81	FES
STATION	STATION NAME	YEARS	NYHOM
		ALL WEATHER	
		CLASS	MOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•7	2.2	3.5	1.8	. 4							5.7	8.7
NNE	• 6	• 7	• 4									1.5	4.8
NE	1.5	1.3	•1									2.9	3.3
ENE	3.1	5.3	• 1	• 1			}	[8.7	4.1
ŧ	5.2	4.9	• 1									10.2	3.6
ESE	3.5	2.2	• 9									6.6	3.7
SE	1.2	• 9	1.5	• 1	. 4							4 - 1	7.
SSE	• 6	1.5	1.2	1.3								4.0	7.8
5	1.8	4.6	5.6	7.8	•6	• 1						20.5	9.6
\$5W	• 7	• 6	1.0									1.9	6.5
SW	• 3	• 4	. 4									1.2	5.3
WSW	• 1	• 7	1.0	. 4								2.4	7.8
w	• 1	1.8	1.6	7	_ • 3	.1		I				4.7	9.1
WNW	• 6	1.5	1.8	.7	• 1							4.7	7.5
NW	. 4	• 6	1.6	1.8	. 3							4.7	9.8
MMM	• 5	1.0	3.1	3.8	• 1							8.7	10.3
VARBL										i			
CALM	$\supset <$	> <	><	\times	\times	><	$\geq \leq$	$\geq \leq$	><	$\geq <$	$\geq \leq$	3.5	
	20.5	30.2	24.2	18.7	2.4	. 3						130.0	7.1

OTAL MI	JMBER OF	OBSERVATIONS	6	78

DELTAE CLIMATOLOGY BRANCH FORESTAC ALS WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION INTL VT STATION NAME	74-81 YEARS	
		ALL WEATHER	0600-0605 HOURS (C.S.Y.)
		COMPLETION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	2.5	5.3	1.3								10.6	7.3
NNE	• 1	1.2	.7	.1								2.2	6.3
NE	1.2	1.2	•6									2.9	4.3
ENE	3.5	4.3	. 4									8.3	3.5
E	5.2	4.6				·		l				7.7	3.5
ESE	2.2	2.7	.6			_				<u> </u>	<u> </u>	5.5	4.1
SE	1.3	. 9	1.3	. 3				<u> </u>				3.8	5.6
SSE	.7	1.2	2.4	. 9					1	1		5.2	7.5
5	1.8	2.5	6.2	10.0	. 7	• 1				 		21.4	15.1
SSW	. 3	.6	. 1	• 1								1.2	6.0
SW	. 4	. 6	.6	• 3								1.9	6.4
WSW		9	.9	. 3	• 1							2.2	8.0
w	1	.7	2.1	1.5								4.4	9.4
WNW		9	1.3	1.6	3		<u> </u>			1		5.0	8.7
NW	.3	1.3	1.5	2.2					† 			5.8	8.8
NNW	.6	- 4	3.1	3.2	• 1							7.5	10.3
VARSL												1	
CALM		$\supset <$		> <	><	> <	$\supset \subset$		$\supset <$	$\supset <$	><	2.4	
	25.2	26.8	27.1	22.0	1.3	1						105.0	7.2

	 				
TOTAL	NUMBER	OF	OBSERVATIONS	67	9

LUMAL CLIMATOLOGY BRANCH FETAC ASS JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 742	BURLINGTON INTL VT	74-81	FER
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	3900-1100
		CLA96	HOURS (L.S.T.)
		COMPLIAN	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	2.7	4.7	2.7		l						11.7	7.7
NNE	• 6	2 • 1	. 4									3.1	5.0
NE	• 1	• 6	. 4									1.2	5.
ENE	2 • 4	1.8	• 1									4.3	3.
E	2.7	1.8	• 6									5.0	3.0
ESE	.7	• 7	• 6									2.1	4.
SE	1.2	• 7	•6	. 4								2.7	E . :
SSE	•6	1.0	1.9	2.2	• 1							5.7	9.
S	1.6	4.1	8.6	12.7	1.8	.4						29.2	10.6
SSW	• 1	1.0	1.5	. 3								1 2.9	7.
sw	• 3	. 4	- 7	•1								1.6	7.:
wsw	. 4	• 3	• 9	• 3								1.9	7.5
w	• ₹	. 1	1.2	• 6								2.2	8.0
WNW	• 3	• 6	2.1	1.5	• 1							4.6	9.6
NW	•6	1.6	3.5	2.5	• 3							8.6	9.0
NNW	. 4	1.8	4.0	4.6	• 1_							13.9	9.
VARBL													
CALM	$\supset \subset$	><	><	$\supset <$	> <	>>	>>	$\supset \subset$	><	>>	> <	1.7	
	14.0	21.4	31.9	27.9	2.5	. 4						100.0	ن و

TOTAL	NUMBER	OF	OBSERVATIONS	67	3

NELMAL CLIMATOLOGY BRANCH NUMBERAL AI WEATHER SERVICE/MAC

> WNW NW NNW VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>article</u>	INGTON	INTL V	T MANE			74-	8.1		FEARS				E E
	_				ALL WE	ATHER						1230	-1488
	-	· · · · · · · · · · · · · · · · · · ·			COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 7	4.1	3.1	3.5	• 1							10.7	8.4
NNE	• 4	1.3	1.5	.7					Ţ			4.0	7.1
NE		1.0	• 6	• 1								1.8	6.7
ENE	.7	1.3							1			1.8	3.€
E	.1	• 4	•1	•1								• 9	6.5
ESE	.6	. 7	. 4	• 1								1.5	5.5
SE		•1	.7	• 7	• 1							1.8	11.4
SSE	.1	• 7	1.2	1.7								3.1	5.7
S	1.0	3.5	7.1	15.5	1.9	•6						29.6	11.3
SSW	.1	. 7	1.8	.6								3.2	3 ع
sw	. 3	1.7	. 4	.6				i				2.4	6.8
WSW		1.2	. 9								· · · · · · · · · · · · · · · · · · ·	2.5	8.5
		, ,	1 0	1 2	·							6 5	- 3

┙.	-6	<u></u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1160.01	9.2
	\leq	\times	>>	\geq	\geq	\geq	• 4	
F							9.3	9.5
+-			 		 		10.5	- 8

SE PAL CLIMATOLOGY BRANCH SEFETAC 47 SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 47	EMPLINGTON INTL VY	74-81	F£
STATION	STATION NAME	TEARS	HORTH
		ALL WEATHER	1500+1700
		CLASS	HOVES (L.S.T.)
•			
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• t	6.5	13.3	4 - 1	•1							21.7	8.1
NNE	. 4	1.5	2.7	• 1								4.7	6.6
NE	• 1	• 5	.7]]	}]	1.5	6.1
ENE	• 1	• 9										1.0	4.3
E	.7	• 4	• 3	• 1					 -	i		1.6	5.3
ESE		- 4	• 9	• 3						j		1.5	8.5
SE	• 3	1.0	.7	•1			i		1	<u> </u>		2.2	5.5
SSE	• 1	• 7	• 6	1.2	• 3						1	ء ج	7.5
\$	1.6	3.7	7.8	10.5	1.5	• 1	• 1				ļ — — —	25.4	10.4
SSW	• 4	• 7	.6	. 4					1	T	1	2.2	6.5
SW	• 3	• 0	. 4	.9		T				1		2.5	7.5
WSW	•1	• 6	.4	.4					† ———			1.6	7.7
w	• 1	.7	2.5	1.6	·		<u> </u>		 			5.0	9.6
WNW	• 1	1.3	1.2	2.2	• 3					†	1	5.2	9.7
NW		2.4	4.4	2.1	• 3	1						9.1	9 • D
NNW	• 3	2.7	3.7	3.8	.4							10.9	9.1
VARSL											<u> </u>		
CALM	\times	\geq	> <	\geq	\geq	\times	>>	\times	\geq	\times	\times	• 7	
	5.6	25.1	37.3	28.0	2.9	.1	.1					100.0	8.7

IOTAL	NUMBER	Of	OBSERVATIONS	67:

SE WAL CLIMATOLOGY BRANCH

16.742 BURLINGTON INTL VT 74-81

SURFACE WINDS

AT HEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_	· · · · · · · · · · · · · · · · · · ·			ALL WE	ATHER LASS	<u>-</u>					1855 HOUR	
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	. 9	6.3	6.3	1.6						 		15.6	1
NNE	. 4	2.5	1.3	.1	i							4.4	1
NE	. 7	3.5	•1									4.4	1
ENE	1.5	3.1	• 3									5.0	1
E	1.2	1.2	. 3	.1								2.3	i
ESE	1.2	• 9	. 9	1.0								4.0	1
SE	1.3	9	1.0	1.2					_			4.4	
SSE	1.0	1.8	1.5	.6								4.9	
S	1.6	2.9	5.6	5.8	1.9	.7	• 1					15.7	j
SSW_	• 3	1.5	.9	. 3	•1							3.1	
SW		• 6	. 7	. 7				L		<u> </u>	Ĺ	2.1	
WSW	. 4	. 9	1.0	1.0	ļ							3.4	
	4		1.3	1.3	<u> </u>					L		3.8	1
WNW	1:.3	1.8	1.9	1.5	4					ļ		5.9	
NW	- 6	1.6	2.8	1.8	- 4					 _	ļ	7.4	
NNW	-7	2.4	4.4	1.8	ļ							9.3	1
VARSL				L				<u> </u>					4
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$>\!$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$.7	
	12.8	33.0	30.5	18.9	2.9	. 9	. 1			1	1	120.3	

TOTAL NUMBER OF OBSERVATIONS 678

E AL CUTHATOLOGY BRANCH FUNCTAC TO LEATHTH SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	DEFLINGTON INTE VT	74-81		<u>۾ د</u>
S747100	STATION NAME		YEARS	HONTH
		ALL MEATHER		2100-2300
		CLASE		HOURS (L.S.T.)
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.5	2.5	2.7	1.0								7.2	7.1
NNE	• 4	1.5	• 7	• 1								2.8	5.6
NE	1.6	1.9	• 6]						4.1	4 .
ENE	7.7	3.2	• 6									6.5	4.1
E	4.3	4.4	1.7	}								9.4	4.1
ESE	4.1	1.2		• 3								5.6	3.5
SE	2.7	• 9	.4	• 3								4.3	4.5
\$SE	1.2	1.5	1.5	1.2	• 1							5.5	7.
\$	1.3	2.7	7.1	5.8	2.2							1 7.5	13.1
SSW	• 3	• 7	. 4	• 3								2.4	5.5
sw	• 1	• 3	. 4	. 4								1.3	8.4
wsw		1.0	1.2	1.6								3.2	9.4
w	• 1	• 4	2.2	•7								3.5	3.
WNW	. 3	1.6	1.8	1.0	• 3							5.0	۹.
NW	.4	1.3	3.1	2.9	. 4				1			2.7	9.
NNW	1.2	1.6	2.1	2.4								7.2	3
VARBL						1		1					
CALM	\searrow	\times	$\supset \subset$	$\supset <$	> <		> <				\times	3.1	
	22.6	27.3	25.8	18.1	3.1							130.0	7.

TOTAL NUMBER OF OBSERVATIONS 67 3

LE HAL CLIMATOLOGY REANCH TOPLIAC HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) 1 · 3 4 · 6 7 · 10 11 · 16 17 · 21 22 · 27 28 · 33 34 · 40 41 · 47 48 · 55 ≥ 56 %		INGTON	INTL V				74-	81		YEARS				MONTH .
SPEED						ALL NE	ATHER							E (L.S.T.)
N						CON	DITION				-			
NNE	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
NNE	N	.0	3.7	5.5	2.1	•2				<u> </u>		1	13	7.
NE	NNE	· c										!		5.
ENE	NE										1	1	2.7	4.
E	ENE													4.
ESE	ŧ	, ,		• 3	•1							7	6.3	3.
SE 1 2 9 8 4 1 SSE 7 1 3 1 4 1 1 1 4 5 S 1 6 3 6 6 8 7 0 1 5 3 0 23 2 1 SSW 4 9 9 3 0 2 4 1 9 SW 3 7 5 4 1 9 2 4 1 9 WSW 2 7 8 6 0 2 4 2 4 W 3 5 1 5 1 1 1 <td< td=""><td>ESE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4.1</td><td>4.</td></td<>	ESE												4.1	4.
SSE	SE	1.2	• 0		. 4	• 1							3.5	6.
\$ 1.6 3.6 6.8 7.4 1.5 .3 .C 23.2 1 \$\$W	SSE		1.3	1.4	1.1	1							4.5	7.
SW 3 7 5 4 WSW 2 7 8 6 0 W 3 5 10 10 20 WNW 5 10 10 40 NW 5 10 10 40 NNW 5 10 10 40 NNW 5 10 10 40 NNW 5 10 10 40 VARBL 10 10 10 10	\$	1.6		6.8	7.4	1.5	• 3	• C					23.2	10.
WSW 2 07 08 06 00 204 W 3 05 105 101 01 00 401 WNW 05 102 106 103 03 00 707 NW 05 107 209 203 03 00 707 NNW 05 105 304 302 02 809 VARBL	ssw	. 4	• 9	• 9	. 3	0							2.4	6.
W	sw	. 3		۰ 5	. 4					<u> </u>			1.9	7.
W	WSW		. 7	. 8	. 6	0							2.4	3.
NW	w			301	1.1		3						4.1	و و
NNW .5 1.5 3.4 3.2 .2 8.9	WNW	· c	1.2	1.6	1.3	. 3					L	L	5.0	8.
NNW .5 1.5 3.4 3.2 .2 8.9	NW_	5	1.7	2.9	2.3	3	-0						7.7	9.
	NNW	- 5	1.5	3.4	3.2	• 2	<u></u>				ļ	L	6.9	9.5
CALM 201	VARBL			Ļ						Ļ	<u> </u>			ļ
	CALM	><	><	><	><	><	> <	$>\!\!<$	><	><	><	><	2.1	

t TAL CLIMATOLOGY BRANCH TETAC #1 TEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 11 Z	GREINGTON INTL VT	74-81	мдг
STATION	STATION NAME	TEADA	MONTH
	•	ALL WEATHER	<u>0000-7260</u>
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 3	2.3	3.6	1.3								R.5	7.9
NNE	• 3	• 9	• 3									1.5	4.
NE	_ • 9	1.1										2.0	ا و ز
ENE	2.5	3 • 1	. 4									€.0	4 .
E	4.6	2.5		- 1								7.3	3.
ESE	2.7	1.9	• 7		• 1							5.4	4 .
SE	1.3	1.5	• 8		• 1	- 1						3.9	6.
SSE	• 9	1.7	1.7	. 9	• 3						I	5.6	7.
\$	1.5	3.1	5.6	7.8	2.2	• 1						10.3	13.
SSW	• 4	1.2	• 1									1.7	4.
sw	• 4	• 4	• 9									1.7	6.
wsw	• 3	• 7	1.7									2.7	7.
w	• 1	. 7	2.0	2.0	3	• 1						5.4	11.
WNW	• 3	• 7	2.3	1.9	• 3	• 3						5.8	10.
NW	.7	2.3	3.5	2.7	• 5			I	I			9.7	9.
NNW	1.1	2.2	3.0	3.1	. 4			I		I		9.7	8.
VARBL													
CALM			$\supset <$	><	><	><	><		$\supset <$	$\supset <$	><	2.7	
	13.8	26.0	25.7	19.9	4.3	• 7						179.5	7.

TOTAL NUMBER OF OBSERVATIONS

LE FAL CLIMATOLOGY BRANCH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	طنهيد _	40.00	STATIO					<u> </u>		TEASS				BORTH .
						ALL VE	ATHER						d 3 00	-050c
		•					LASS						1000	8 (L.S.T.)
		-												
		_					IDIT#OB			* ***				
		11		1			·	r						
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.3	2.4	3.5	1.6	.1							. 7 • ũ	7.5
	NNE		1.2	. 4			I						1.9	5.4
	NE	, A	1.3	• 3									2.4	403
	ENE	1.9	3.1										5.0	4.0
	ŧ	4.3	2.2	• 3									6.7	3.5
	ESE	1.9	2.7	• 5	.1	L							2 و ن	4.6
	SE	1.5	1.3	1.2		. 4							4.6	6.4
	SSE	1.2	1.1	2.6	. 4	-1							5.4	7.1
	5	1.7	2.9	7.3	7.7	1.9	. 5						22.0	10.5
	ssw	. 4	3	. 3					L				1.5	4.6
	sw	3	8	_ 3					L				1.3	5.5
	wsw	1	- 4	2	3				l				1.7	7.9
	w	- 4	. 3	2.0	2.4	-1			<u> </u>			iJ	5.8	10.1
	WNW	5	2.2	1.3	3.0	. 5			<u> </u>			<u> </u>	7.5	9,9
	NW	. 9	2.0	2.8	1.9	-1							7,8	8.1
	NNW	- 4	2.2	3.8	2.2	. 8				l	<u></u>		9.3	9.4
	VARBL	1		<u> </u>										
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.9	
	i	ł	1	l .	i	1			l	l		1 1	i 1	

TOTAL NUMBER OF OBSERVATIONS 744

- ATH - SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

٢	мдг	1	7	BURLINGTON INTL VT	4.1
TH	Ment	YEARS		STATION NAME	STATION
2602	J600 - 1		ALL WEATHE		
.B.Y.)	HOURS (L		CLASS		
			COMPITION		
<u>0 8</u>	3603-1 80988 (L		CLASS		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	• 7	3.4	3.4	3.2					<u> </u>			10.5	8.1
NNE	. 7	• 7	• 7									2.0	5.1
NE	• 3	1.5	• 1									2.3	4.8
ENE	5.2	3.2	• 4									5.9	3.5
E	2.5	3.1	• 3							1	1	6.7	4.5
ESE	1.3	1.7	• 5	•1							 	3.8	4.7
SE	1.7	1.1	. 4	• 5					Ť	1		3.3	5.6
SSE	1.5	. 4	1.7	• 3					T	 		3.0	6.2
5	2.2	2.3	7.1	9.8	1.9	•5	• 1		1		 	23.9	11.0
SSW	• 5	• 3	• 7	• 5			i		1			2.0	7.5
sw	.4	. 4	.4	• 3				1	1			1.5	6.5
wsw	• 5	• 9	• 5	. 4			1	<u> </u>	†		<u> </u>	2.4	6.6
w	• 3	• 5	1.5	2.6				† · · · · · · · · · · · · · · · · · · ·	1	<u> </u>		4.8	10.6
WNW	• 5	. 4	2.2	3.8	• 3			† — —				7.1	10.9
NW	• 3	1.7	2.6	2.3	.5			· · · · · · · · · · · · · · · · · · ·	1			7.5	9.6
NNW	- 5	2.5	3.2	2.6	• 1		 			1	<u> </u>	9.3	8.6
VARBL										 		#	
CALM	><	\times	\times	\times	\times	\times	\times	\geq	\times	\times	>	1.7	
	17.5	24.7	26.2	26.3	2.8	• 5						100.6	3.1

× 17•5	26.2	2. 9	>> •5	\simeq	\times	\sim	\geq		100.6	3.1
						TOTAL NU	ABER OF OR	SERVATIONS		744

LL AL CLIMATOLOGY BRANCH 1.F2TAC 41 LEATHER SERVICEZAGE

1-.42 5.4LINGTON INTL VT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-81

		314110	4 4481						******			-	
	_				ALL WE	ATHER							-1100
					-								
	-				COM	DITION							
	_												
r			<u> </u>					τ	 -	 -	ı	π ——	
SPEED (KNTS) DIR.		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.3	2.0	4.3	2.2	.3							15.6	8.2
NNE	. 4	• 7	1.2									2.3	6.4
NE	• 1	. 3	• 1					<u> </u>			<u> </u>	. 5	5.0
ENE	. 5	٩٠							<u> </u>			1.3	3.5
E	1.2	9	. 5	.1								2.3	4.7
ESE	. 7		. 7									1.3	5.6
SE	1	9	. 5	. 3	. 3							2.2	8.5
SSE	. 5	7	1.5	1.2	.3	1						4.3	9.5
S	. 4	4.2	6.9	13.4	3.5	.7						29.0	11.7
\$5W	.1	3	1.2	. 4	.1	I			Ì			2.7	8.3
sw	. 5	3	8	1		[1.7	5.2
W\$W		7	9	. 5						Ĺ		2.4	7.7
w	.4	8	1.3	2.6	. 3		L					5.4	10.2
WNW	5	1.9	1.2	3.2	. 3							7.1	9.8
NW	8.	1.7	3.8	6.0	3.							13.2	10.5
NNW	.9	3.0	4.3	4.3								12.5	9.0
VARBL													
CALM	\sim	$\supset \subset$	$\supset \subset$	$\supset \subset$		$\supset \subset$	$\supset \subset$	><	$\supset \subset$	$\supset \subset$	><	1.1	

TOTAL NUMBER OF OBSERVATIONS 744

100.0

.t Bal Climatology Branch Diffetac 4 Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 42	DURLINGTON INTL VT	74-81		₽ A ₽
STATION	STATION NAME		MONTH	
		ALL WEATHER		1200-1400
	*	CLASS		HQUES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N	• 5	2.1	5.1	4.3	• 3							12.2	9.5
NNE	• 3	1.02	• 8	. 4								7	6. 8
NE	• 4	• 1	. 4									• 9	4 • ?
ENE	• 3	• 3	• 1									. 7	4.4
E	• 1	• 3	. 4									• 8	5.8
ESE		• 7	1.2	. 3					J			2.2	7.8
SE	.7	• 3	. 4	.7								2.3	7.6
SSE	• 1	• 7	1.5	• 8	• 1	• 1						3.4	10.1
5	<u> </u>	3.2	7.5	10.5	3.1	• 5						25.4	11.7
SSW	• 3	. 4	1.9	• 5								3 - 1	ಕ . ೮
sw		. 7	. 9	. 4								2.5	7.8
WSW	• 1	• 0	1.2	. 7								3.3	8.0
w	.4	۰۵	2.0	3.5								6.7	10.1
WNW	• 3	1.5	2.3	3.8	• 7							3.6	16.7
NW	• 5	2.2	4.4	5.4	2.2	• 4						15.1	11.3
NNW	• 7	1.6	3.4	4.4	• 5							13.6	10.2
VARBL													
CALM		><	><	><	> <	> <	><	$\supset <$		$\supset <$	><	• 7	
	5.2	16.9	33.6	35.6	6.9	1.1						100.0	13.1

	L_		<u> </u>	1103-0	للعائل
POT 41	MIMORE	At A1	SERVATIONS		
IUIAL	HOWBER	OF 08:	SEE A VI IONS		744

DEF AL CLIMATOLOGY BRANCH DEFICIAL ALL LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STAYION	E PLINGTON INTL VT	74-81	YEARS	M A .
		ALL WEATHER		1500-1700 MOVRE (4.8.7.)
				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	.4	2.2	7.1	5 4	. 3							13.3	5.4
NNE	_ 3	_ • 7	. 7	. 4								2.0	6.9
NE	• 4	• 4	• 1	3								1.2	60.
ENE	• 4	4	• 1									• 9	4.7
E	. 4	. 1	• 1	• 3								. 4	6.5
ESE	• 3	8	. 5	• 5	. 3							2.4	ċ . t
SE	. 4	• 3	• 7	. 8								2.2	b • '
SSE	1	- 5	1.6	. 8	. 3	•1						3.5	9.0
5	. 4	3.0	7.5	9.1	1.5	•1						71.6	10.
SSW	• 1	• 7	1.2	• 3								2.3	7.4
sw	.1	. 7	. 4		• 1							1.3	0.0
W5W	. 4	- 5	. 9	• 9	1							3.5	8.0
w	1.1	- 3	3.0	3.5	. 4					1		0.7	9.
WNW	. 3	1.2	1.7	3.9	• 3							7.4	10.
NW	• 3	1.9	4.2	6.2	1.9	• 3						14.7	11.
NNW	.5	1.9	3.0	4.6	. 9	. 3						11.2	10.0
VARBL													
CALM	><	><	><	><	> <	> <	$\supset <$	$\supset <$		$\supset <$	><	1.3	
	5.9	16.0	32.9	37.0	6.0	3						123.5	9.9

TOTAL NUMBER OF OBSERVATIONS

DE PAL CLIMATCLOGY BRANCH PRITAC A SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	S RLINGTON INTL VT	74-81		₩ A R
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1830-2500
		CLASS	<u> </u>	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	4.7	5.8	• 9								12.8	6.8
NNE	• *	1.3	• 1									2.0	4.5
NE	*	1.6										2.0	4.7
ENE	-5	1.5										2.0	4.3
E	1.1	• 9	• 1	. 1								2.3	4.6
ESE	1.1	1.2	• 4	3								3.1	5.7
SE	1.1	• 9	• 7	• 4	. 1		·					3.2	6.5
SSE	• 5	1.6	3.1	1.5								6.7	8.1
\$	1.6	4.3	5.6	5.9	• 7	• 3						15.4	9.2
SSW	• 1	. 7	1.5	• 3								2.0	7.2
sw	, ų	• 7	. 7	•1	• 1					L		ن و ت	6.3
wsw	• 1	• 8	1.2	1.1	• 1							3.4	8.8
w_	• 8	• 0	2.6	2.8	• 3				<u> </u>			7.4	9.3
WNW	5	1.2	3.2	3•1	• 1	•1		l				8.3	9.9
NW	• 8	1.9	4.4	3.1	. 8				I	L	L	11.0	9.6
NNW	• 5	2.3	3.9	2.4	. 4	• 1						9.7	9.1
VARBL													
CALM	$\geq \leq$	\geq	$\geq <$	$>\!\!<$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.1	
	11.6	26.6	33.3	22.2	2.7	. 5						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 744

CE SAL CLIMATOLOGY PRANCH STETAC A. LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 74 2 STATION	EURLINGTON INTL VT	74-81 YEARS	MAF
		ATHEF	2100-2300 HOURS (L.S.T.)
	co	HOLTION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	9	1.0	3.0	1.2	.1							6.9	7.8
NNE	• 5	. 4	. 4									1.3	4.7
NE	1.1	1.1	• 1									2.3	3.9
ENE	2.2	2.7	• 3									5.1	3.9
Į.	2.2	3.1										5.2	3 • ∂
ESE	1.7	1.6	• 5	• 3	• 1							4.3	5.2
SE	1.3	1.9	.7	. 7	. 1	• 3						5.0	_7.5
SSE	1.6	1.3	2.3	. 8								6.3	7.2
S	1.5	3.2	8.2	6.2	. 7	. 3						20.0	9.5
SSW	• 3	1.1	. 4		• 1							1.9	0.1
SW	. 4	1.1	1.2	. 1								2.8	6.7
wsw	•1	• 5	1.6	1.1	. 4							3.8	10.3
w	4	• 5	2.4	1.6	• 3							5.2	9.7
WNW	.1	9	2.6	1.5	. 4			l	<u></u>			5.5	9.2
NW	. 4	2.2	3.5	2.7	. 7			l				9.4	9.3
NNW	. 8	3.3	3.2	2.8	• 5							10.3	8.8
VARBL													
CALM		\times	><	><	><	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	4 • 8	
	15.6	26.2	30.4	19.0	3.5							100.0	7.5

OTAL	NUMBER	OF	OBSERVATIONS		744

E SAL CLIMATOLOGY BRANCH SAFETAC AT REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

16742	BURLINGTON INTL VY	74-81	MA9
STATION	STATION NAME	TEARS	MONTH
		ALL WEATHER	ALL
		CLASE	MOURS (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 9	2.7	4.5	2.5	• 1							10.8	8.2
NNE	. 4	• 9	.6	•1								ذ• تا	5.7
NE	•6	1.0	• 2	•0						I		1.7	4.5
ENE	1.4	1.5	• 2			}		1]			3.5	4.3
	2.1	1.6	• 3	•1						i		4.0	4.5
ESE	1.2	1.3	.6	•2	• 1							3.5	5.4
SE	1.0	1.0	.7	. 4	• 1	• 1						3.3	6.3
SSE	5.	1.0	2.0	.8	• 1	• 1					i	4.7	0.5
\$	1.2	3.3	7.0	8.8	1.9	. 4	• C					?2.6	10.7
SSW	• 3	.7	• 9	• 3	•0						i	2.2	7.0
SW	• 3	.6	.7	• 1	• 5	<u> </u>		1	1	1		1.3	6.6
WSW	• 3	• 7	1.1	.6	•1	1					i	2.3	8.3
w	• 5	•7	2.1	2.6	• 2	•0						5.2	10.3
WNW	. 4	1.3	2.1	3.0	• 4	•1						7.2	10.2
NW	. 5	2.0	3.6	3.8	• 9	•1					Ţ -	11.0	10.1
NNW	.7	2.3	3.5	3.3	• 5	•1				<u> </u>		10.3	9.4
VARBL	,						[1	1	1			1
CALM		\times	\times	\searrow	\times	\times	\times	\boxtimes	\geq	\boxtimes		2.3	
	12.7	23.0	30.0	26.7	4.5	• 7	۵					130.0	8.5

	100.0	8.5
TOTAL NUMBER OF OBSERVATIONS		6952

JELMAE CLIMATOLOGY BRANCH SYLUTAC A FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10.42		INSTON-	INTL V	I			74-	81					A	P P
BTATION	STATION MARKE 74-81 VEARS													MINORE
	•					ALL PE	ATHER						2930	<u>-3291</u>
		_					LASS						WO-4 RE	\$ (6.8.T.)
		_												
						con	DITION							
		_												
		η												
	SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN
	DIR.)								SPEED
	N	1	1.9	• 7	1.4								4.7	7.4
	NNE	.6	- 3										1.4	3.9
	NE	1.8	1.8	• 1									3.7	3.7
	ENE	4.4	4.6	• 1									9.2	3.6
	E	4.9	6.1	. 3									11.2	3.5
	ESE	2.5	3.1	1.2	• 1								5.9	4.8
	SE	2.1	1.4	1.1	• 3	•1	•1						5.1	5 . 9
	SSE	1.2	1.7	1.1	1.4	•1							5.6	7.1
	5	2.1	2.2	6.1	4.9	. 6							15.4	9.0
	\$5W	. 7	8	• 3	.1						Ţ		1.9	5.2
	sw	. 3	.7	. 4	. 3								1.7	6.3
	WSW	.1	• 7	1.4	. 3								2.5	7.2
	W	4	1.3	1.1	1.7								4.2	8.5
	WNW	6	1.2	1.4	1.0	.1		L					4.3	8.0
	NW	.6	1.9	1.8	4.0	. 6							5.9	9,9
	NNW	7	1.1	2.ε	2.9	. 4							7.9	9.6
	VARSL													
	CALM		><	> <	> <	> <	$\supset \subset$	> <	>>	$\supset \subset$	$\supset \subset$		4.3	
								\leftarrow	\leftarrow					

TOTAL NUMBER OF OBSERVATIONS 725

LE PAL CLIMATOLOUY RHANCH PROPERTAG 47 EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10.42	URLINGTON INTL VT	74-81	AP.2
STATION	STATION NAME	YEARS	BORTH
		ALL WEATHER	3 788−35 0∂
		CLA96	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	1.7	1.7	1.7								6.5	7.7
NNE	• 1	• 6	• 1									• 8	4.5
NE	1.7	1.1	• 1									2.2	4.1
ENE	3.9	4.5										8.5	3.6
E	4.4	5.8	1.0	• 3								11.5	4.1
ESE	3.7	2.5	1.4	. 4								8.1	4.7
SE	1.9	• 5	1.2	. 4	• 3	•1						4.6	7.0
SSE	1.4	2.4	1.8	1.1								6.7	6.6
S	1.7	3.3	5.1	6.7	• 3							17.1	9.1
SSW	-4	.7	• 3	. 3								1.7	6.3
SW	1.7	• 8	. 8	• 1								2.ē	5.3
WSW	• 3		• 3	• 1	• 1							• 3	9.0
w	.6	1.8	1.4	.6								4.3	6.7
WNW	• 3	3.	1.4	2.6	•.1							5.3	10.3
NW	• 3	1,5	2.5	3.3								7.6	9.7
NNW	• 3	1.9	2.8	2.8	• 3							8.1	9.4
VARBL													
CALM		$\supset <$	>>	>>	\times	><	><	><	$\geq \leq$	><		4.3	
_	22.2	30.1	21.9	20.4	1.1	•1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

TELERAL CLIMATOLOGY BRANCH
THIOTAC
THIOTAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	INGTON	INTL V	T			74-	61						PP
		STATION	MAME						TEARS				047#
	_				ALL WE	ATHER						<u> </u>	<u>-2000</u>
	_				C	LASS		_				house	(L.S.T.)
	_												
					con	DITION							
	_												
										 -		 -	
SPEED	1	١ ا	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 10	17 - 21	22 - 21	26 . 33	34 - 40	41 - 47	46 . 33	230	•	SPEED
н	1.4	2.2	2.5	2.2	.1							9.2	7.7
NNE	. 7	• 7	• 1	• 1								1.7	5.1
NE	1.7	3										5	3.3
ENE	3.5	2.1										5.6	3.5

(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	WIND SPEED
N	1.4	2.9	2.5	2.2	.1							9.2	7.7
NNE	. 7	. 7	• 1	• 1								1.7	5.1
NE	1.7	. 3								l		5	3.3
ENE	3.5	2.1										> 6	3.5
E	5.0	2.2	1.1				l	·				9.3	3.5
ESE	2.6	1.4	1.5	. 4									5.4
SE	2.1	1.4	• B	• 6		• 1			I			5.0	5.9
SSE	. 7	1.7	1.9	1.7	.1							0.4	5.3
S	1.2	2.9	7.5	6.9	. 7	1						19.9	9.8
SSW	1	1.0	1.2	_ 3								6	7.1
sw	4	. 4	. 7	. 6	-1							2.2	9.4
WSW	. 3	. 3		. 4			<u> </u>					1.2	10.5
w	1	P	. 7	8	.1							2.5	8.7
WNW	. 4	. 5	2.1	1.8	. 8	. 3						6.5	11.2
NW	. 4	1.3	2.5	4 . C	.4			L				n • 3	10.4
NNW	14	2.€	3.2	3.7	. 1							10.1	9.2
VARBL													
CALM		$\geq <$		$\geq \leq$	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$			2.4	
	21.7	22.5	26.0	23.6		5						120.6	7.7

TOTAL NUMBER OF	OSSERVATIONS	7 20

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY PRANCH ETAC CATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14 4 1	- RLINGTON INTL VT	74-81		APE
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		.930-1100
		CLAS6		HOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 5	2.1	4.4	5.4								12.5	9.9
NNE	• 1	• '.		• 1								• €	5•
NE	• 3	• 3										• 5	3.3
ENE	• 6	• 4										1.0	3 . :
E	1.0	. 4	1.1	•€								3.3	7.5
ESE	. 4	. 4	.7									1.5	6.2
SE	. 7	.7	• 6	.7								2.2	7.4
SSE	. 4	• 3	• 7	1.4	• 3							3.1	10.4
5	۹.	1.3	7.6	13.7	2.6	.4						24.0	11.7
SSW	• 3	1.3	•6	1.1								2.5	8.2
sw	• 1	. 4	1.5	.6								2.6	5.6
WSW	. 4	.7	1.4	. 4	• 3	• 1						3.3	9.3
w	. 4	2.4	1.7	2.2	• 1							6.8	9.0
WNW	• 1	1.7	2.2	2.5	•1							6.7	9.3
NW	.7	1.7	5.8	7.2	1.0				<u> </u>			16.4	10.6
NNW	.7	1.7	3.2	5.7	•1	i	i -		<u> </u>	1		11.4	10.7
VARSL									<u> </u>	1			
CALM	$\supset <$	$\supset <$	> <	> <	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	> <	><	><	• 5	
	7.2	16.4	31.5	38.9	4.6	.6						180.3	5 9

TOTAL NUMBER OF OBSERVATIONS 723

RE MAL CLIMATOLOGY BRANCH MINISTAC ATT REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1:142	E PALINGTON INTL VT	74-61		APF
STATION	STATION NAME		EARS	MONTH
		ALL WEATHER		1200-1400
		CLASS		HOUSS (L.S.T.)
		CONDITION		

-				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• ?	1.7	5.6	7.4	• 1							15.3	15.4
NNE	• 1	• 5	1.5	. 3								2.8	7.7
NE	.1	• 5	• 5									1.2	6.7
ENE	• 3	_ • 6										. 5	4.3
E	• 1	•5_	. 6	. 3								1.5	7.8
ESE		• 3	1.1	.6								1.9	9.5
SE		. 3	. 4	.7	. 1							1.5	10.8
SSE		ů,	. 6	1.2	• 1							2.4	11.5
5	_ 3	1.5	5.8	8.9	2.1	- 3						19.4	12.1
SSW	•1	. 7	1.2	1.0								3.1	9.0
SW	• 3	• 8	.6	. 4	• 3							2.4	8.6
wsw	. 7	1.4	. 7	1.0			[3.7	7.5
w	1	1.1	1.7	3.9	1							5.9	10.7
WNW	. 3	1.2	2.5	3.3	• 6							7.9	10.5
NW	. &	1.9	2.6	8.3	1.0							14.7	11.3
NNW	. 4	1.2	3.9	7.1	1.5							14.2	11.5
VARBL													
CALM	$\geq \leq$	\times	\times	>>	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 4	
	4.0	15.1	29.3	44.3	6 n	. 2						100.0	10.6

	-							
TOTAL	NUMBER	OF	OBSERV	ATION	IS		72L	

TEL TAL CLIMATOLOGY BRANCH FETAC A SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	CURLINGTON INTL VT	74-81		APR
STATION	STATION NAME		YEARS	MONTH
		ALL ACATHER		1500-1700 nouse (LS.T.)
		CLASS		HOURS (1.8.T.)
		CONDITION	· · · · · · · · · · · · · · · · · · ·	
			·	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	2.5	7.6	_5.8								19.4	9.5
NNE	• 1	1.	1.4	• 3								2 • 3	7 . 2
NE		• 3	• 3									. 6	6.6
ENE			• 1									• 1	8.1
E	• 3	• 3	• 4	• 1								1.1	7.0
ESE	• £	• 3	. 8	. 8						1	}	3.1	7.€
SE	• 1	- 4	1.1	1.4								3.1	9.5
SSE	• 1	• 4	. 8	1.2								3.1	9.5
5	• 7	1.5	4.6	6.7	1.1	• 1						14.7	10.8
SSW		• 5	.6	. 8								1.5	9.1
SW		1.4	. 4	• 3	• 1			I				2•1	7.7
WSW		• £,	1.1	1.0								2.6	8.7
w	.7	1.1	1.4	4.0								7.2	10.1
WNW	• 3	1.4	1.8	3.6	1.3		• 1					8.2	11.6
NW	• 3	1.9	4.6	6.7	1.1							14.6	10.3
NNW	•1	1.7	5.0	5.8	1.2	•1						15.3	11.5
VARBL													
CALM	$\supset <$	><	><	$\supset <$	$\supset \subset$	\geq	\times	$\geq <$	\geq	><	$\supset <$	• 3	
	3.7	16.4	34.0	43.6	4.6	. 3	1					193.8	13.2

TOTAL NUMBER OF OBSERVATIONS

720

TE FAL CLIMATOLOGY BRANCH TATETAC A FORTHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13,42	BUFL	INGTON	INTL V	T			74-	81			_		. A	P = _
STATION			STATION	MAME						EARS				IONTH
		_				ALL WE	ATHER		_				7900	-2000
					_			100 E	3 (L.S.Y.)					
		_												
						COI	PITION							
		_						-						
1											,			
	SPEED													MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	WIND SPEED
	N	, ,		7.	2 :									
	NNE	107	5.0	7.6	2.1						 		15.4	7.3
	· · · · · · · · · · · · · · · · · · ·	• 3	2.2	1.1	• 3								3.9	6 • 2
	NE	• 4	2.2	• 3							L		2.9	4.5
	ENE	- 4	1.4	_ • 1_	ł						! !		1.7	4.4

(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND
N	1.7	5 • 🗈	7.6	2.1								15.4	7.3
NNE	• 3	2.2	1.1	• 3								3.9	6.2
NE	. 4	2.2	• 3									2.9	4.5
ENE	. 4	1.4	• 1									1.9	4.4
ŧ	.6	1.8	. 4						1			2.8	4.9
ESE	- 3	• 7	1.1	• 6								3.2	7.0
SE	. 4	1.0	1.0	1.5								3.9	8.7
SSE	• 6,	1.1	1.5	. 8								4.0	7.5
S	1.4	2.9	4.2	3.9	6							12.9	8.8
SSW	• 1	• 3	.6									1.0	6.5
SW	. 4	. 7	1.C	1.0								3.1	8.3
wsw	. 3	. 7	1.2	• 7								2.9	7.7
w	1.2	1.7	2.2	1.8								6.9	7.8
WNW	- 4	2.1	2.5	2.8	. 1							7.9	9.3
NW	- 6	3.9	3.7	3.9	•6							12.6	9.1
NNW	6	2.6	4.9	4.2	. 4							12.6	9.3
VARBL													
CALM	$>\!\!<$	\mathbb{X}	>>	\times	><	$\geq \leq$	$\geq <$	$\geq <$	><	><	><	1.0	
	10.1	30.3	33.5	23.5	1.7							138.8	_7.9

TOTAL NUMBER OF OBSERVATIONS

14.42 ELENGTON INTL VT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-81

	_		 -	-	ALL WE	ATHER						2130	= 230 • (La.v.)
	-				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA WIN SPEI
N	1.1	2.1	1.4	9.					<u> </u>			5.4	É
NNE	.7	1.2	. 4	•1								2.5	4
NE	1.2	1.0	• 1	i								2.4	3
ENE	1.5	3.5	• 3									5.4	4
E	5.4	4.0	•6						<u> </u>		<u> </u>	15.0	3
ESE	3.2	3.3	1.7	•7		[8.9	5
\$E	1.1	•6	• A	.4	• 1							3.1	5
\$SE	1.4	2.1	1.2	1.8								5.5	7
\$	2.1	3.6	3.7	3.5	. 4							13.3	6
SSW	. 7	1.9	1.1	• 1								3.9	5
\$W	• 1	1.2	1.1	• 3								2.3	É
WSW	• 8	• 1	. 7									1.7	5
w	. 6	1.2	2.1	1.4								5.3	8
WNW	1.2	2.8	2.2	2.2	• 1				<u> </u>			8.6	ε
NW	.8	1.9	3.1	2.6	. 4	• 1					<u> </u>	9.0	9
NNW	1.2	2.4	2 • 2	2.4	. 6	Ĺ		<u> </u>				5.7	8
VARBL								L		<u> </u>			
CALM			\sim	\times	\sim		\sim					2.5	ĺ

TOTAL NUMBER OF OBSERVATIONS 72.3

LE PAL CLIMATOLOGY BRANCH LOGGITAC A' PEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13 44	<u> خالست</u>	INGIGN	INILY	1			74-	81						\F.'
STATION			STATIO	M MAME					,	PEARS			(DONTH
		_				ALL WE	ATHER							LL
						•								M (6.8.T.)
		_				COL	IDITION							
		_												
	_													
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
	N	9	2.5	4.2	3.5	.0							11.1	6.7
	NNE	. 3	1.7	• 6	•2								2.1	6.0
	NE	. 5	1.3	• 2									1.0	4.3
	ENE	1.3	2.2	• 1									4.1	3.8
	E	2.7	2.7	.7	• 2								6.2	4.4
	ESE	1.7	1.6	1.2	• 5								4.9	5.7
	SE_	1.0	• 3	. 9	. 7	• 1	•1						3.6	7.3
	SSE	.7	163	1.2	1.3	1							4.7	٤.5
	5	1.4	2.5	5.6	6.5	1.0	• 2						17.2	16.1
	ssw	. 3	2	. 7	. 5				ļ		<u> </u>		2.4	7.2
	sw	.3	. 9	. 8	- 4	-1							2.5	7.6
	wsw	4	. 6	9	5_	1	0						2.4	8.1
	w	. 5	1.4	1.5	2.0	1						_	5 د د	8.9
	WNW	5	1.5	2.0	2.5	. 4	. D	2					6.9	9.5
	NW_	6	2.0	3.3	5.0	6							11.5	10.2
	NNW	6	1.9	3.5	4.4	6	3				L		11.0	10.1
	VARBL													
	CALM		><	><	><	><	><	><	><		><	> <	2.0	

TOTAL NUMBER OF OBSERVATIONS 5760

PL PAL CLIMATOLOGY BRANCH
PRITAC
AND ASATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14742	SURLINGTON INTL VT	74-81		MAY
BTATION	STATION NAME		YEARS	00HTH
		ALL WEATHER		<u> </u>
		CLASS		HOURS (L.S.Y.)
		CAMBITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	3.1	1.3	1.2								6.7	6.4
NNE	1.1	1.1	• 1									2.3	4.2
NE	1.9	2.7	• 1									4.7	4.0
ENE	5.8	3.5	• 1									9.4	3.4
E	6.3	4.7	• 5									11.6	3.7
ESE	2.8	2.0	.8	• 5								6.2	5.4
SE	2.2	3.4	.8	. 4								6.7	4.0
SSE	1.6	2.6	2.3	• 5								7.0	6.2
5	3.2	4.7	8.1	5.5	1.3	_ • 1						23.0	8.0
SSW	• 4	.7	•9	. 4								2.4	6.8
SW	• 1	. 4	• 5									1.1	6.0
WSW	• 1	1.1	.4									1.6	5.3
w		• 0	1.7	• 1								2.8	7.3
WNW	.3	•8	• 9	• 1								2.2	6.2
NW	•5	1.3	1.2	. 8	•1							4.0	7.8
NNW	• 3	3.6	• 7	. 8								4.3	6.9
VARBL													
CALM		$\supset <$	$\supset <$	$\supset <$	$\supset \subset$	$\geq <$	\geq			$\supset <$		4.5	
	27.7	35.5	20.7	10.5	1.5	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 744

SURFACE WINDS

AL RAL CLIMATOLOGY BRANCH FETAC AL SATHER SEPVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14742	AUPLINGTON INTL VT	74-81		MAY
STATION	STATION NAME		YKARS	шенти
		ALL WEATHER		0330-0500 noves (LET.)
		CLASS		noves (L.S.T.)
		COMBITION		
		. , , 		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 · 2i	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 7	1.5	1.1	. 9		Ì		_				4.2	7.4
NNE	. 9	. 8										1.7	3.3
NE	1.7	2.3	• 3									4.3	3.8
ENE	6.9	3.9										10.3	5.5
E	7.4	4.3	. 7				i			1		12.4	3.6
ESE	3.9	1.7	. 9	• 3	•1							6.9	4.7
SE	2.4	3.4	. 9	. 4								7.1	4.8
SSE	2.3	1.7	2.4	•5								7.0	5.9
\$	2.6	6.9	6.2	6.0	1.1				<u> </u>		· · · · · · · · · · · · · · · · · · ·	22.7	8.3
SSW	. 7	• 7	- 4									1.7	4.7
sw	. 3	• 5	• 3									1.1	5.3
WSW	. 7	9	• 1									1.7	4.2
w	5.	.9	• 7	. 4								2.6	6.3
WNW	. 3	4	. 8	. 4								1.9	7.9
NW	3	1.6	1.1	• 1	•1							3.2	6.6
NNW	Q	2.2	- 8	1.2	.1	i						5.1	7.4
VARBL									1	i			
CALM	\searrow	\geq	>>	\times	\times	> <	\times	\times	\geq		\geq	5.6	
	32.1	33.7	16.7	10.3	1.5							100.0	5.4

	التمثيقة ال	5.4
TAL NUMBER OF OBSERVATIONS		744

LE SAL CLIMATOLOGY BRANCH LITECTAC FILL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 = 742	SURLINGTON INTL VT	74-81		MAY
STATION	STATION NAME	_ 	YEARS	WONTE
		ALL WEATHER		. 600 - 060:
		CLASS.		100485 (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	3.1	2.2								0.7	7.8
NNE	. 7	• 5	• 3									1.5	4.5
NE	1.7	1.1	• 1									3.0	3.5
ENE	3.5	2.3										5.3	3.3
E	3.5	2.2	• 3	• 3								6.2	3.9
ESE	2.4	1.1	1.3	1.2								6.3	5.3
SE	• 9	1.3	. 4	•1								3.4	5.5
SSE	• 5	2.6	2.6	1.1								6.7	7.3
\$	2.4	4.6	11.0	11.7	1.1	•1			T			35.9	9.7
SSW	• 7	1.7	2.2	• 3								4.5	6.6
SW	• 1	• €	• 5							Ī		1.5	6.1
WSW	• 1	1.1	• 9	• 1								2.3	6.6
w	•1	• 7	. 4	.8								2.0	8.4
WNW	• 3	. 4	1.7	1.1								3.5	9.2
WW	. 4	• 9	1.9	2.0	• 1							5.4	9.3
NNW	•8	2.0	1.7	1.9								6.5	7.9
VARBL													
CALM	$\geq \leq$	\times	><	><	\ge	><	$\geq \leq$	\geq	$\geq \leq$	>>	\mathbb{X}	1.9	
	19.4	25.7	29.0	22.7	1.2	.1						100.0	7.4

	TOTAL NUM	ABER OF OBS	ERVATIONS		744
				100.0	7.4
	$\geq \leq$	\times	\times	1.9	
-				6.5	7.9
_		·		5.4	7.3

SLUDAL CLIMATOLOGY BRANCH UNAFETAC ATT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15 / 4 2 STATION	AURLINGTON INTL VT	74-81		MAY
MONT ATO	STATION NAME		YEARS	HONTH
		ALL WEATHER		<u> </u>
		CLAM		HOURS (L.S.T.)
		COMBITION		
				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• 7	1.9	3.6	2.8								9.0	6.6
NNE	• 1	, 7	. 4									1.2	5.6
NE	• 1	• 3										. 4	3.7
ENE	• 1	. 4	• 1									. 7	5 • £
E	. 4	. 1	_ 4	1								1.1	6.5
ESE	•1	• 5	. 8	. 4	•1	L			<u> </u>			2.0	8.9
SE	• 1	• 5	.7	. 9		<u></u>						2.3	9.6
\$SE		• 7	1.3	2.4	. 3							4.7	10.5
<u> </u>	1.1	3.5	11.0	16.4	1.5			<u> </u>	<u></u>			33.5	10.6
SSW	. 3	1.1	3.2	1.5								6.0	8.5
SW	. 4	1.2	1.1	. 3			<u> </u>					3.3	6.6
WSW	İ	8.	1.3	-1								2.3	7.1
w	.5	1.9	1.9	. 8								5.1	7.3
WNW	7	2.4	1.9	2.0		<u></u>	L					7.1	301
NW	. 7	2.0	4.7	4.8	3							12.5	9.4
NNW	. 7	1.5	3.0	3.0	3	Ĺ	<u> </u>		L			8.3	9.3
YARBL						L				<u> </u>			
CALM	$\geq \leq$	$>\!\!<$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 8	
	6.0	19.5	35.5	35.6	2.5							130.6	9.2

TOTAL	NUMBER	O F	OBSERVATIONS		744

Stinat Climatology Branch UNASETAC AT HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

, 4 7 4 2	BURLINGTON INTL VT	74-81	MAY
STATION	STATION NAME	YEARS	80474
		ALL WEATHER	1200+1405
		CLASS	NOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• 3	1.9	4.2	5.2	• 1							11.7	9.9
NNE	• 1	• 7	• 5	• 5								1.9	8.1
NE	• 1	• 3	• 3				l					1.3	5.5
ENE	• 3	• 5										• 3	4.2
E	• 3	• ઙ	•1	• 3								1.5	5.9
ESE	•1	1.1		. 4								1.6	6.9
SE		• 3	• 4	• 9								1.6	16.º
SSE		1.1	1.1	.9								3.1	8.7
5	• 4	2.8	7.3	16.9	1.6	. 3						29.3	11.5
\$5W	• 4	1.1	1.7	.9			I					4.2	8.1
sw		1.6	2.2	. 4								4.2	7.4
WSW	.4	1.5	1.1	. 3						L		3.2	6.3
w	. 7	1.7	1.6	1.2	• 1							5.4	7.7
WNW	•3	1.2	2.4	2.0	. 4							b • 3	9.4
NW	• 1	1.7	4.7	3.9								13.5	9.2
MMM	• 1	• 7	4.7	6.9	.7		I				I	13.3	11.4
VARBL										i .			
CALM	\boxtimes	$\supset <$	$\supset <$	><	><	><	$\supset <$		$\supset <$			• 4	
	3.6	19.6	32.3	40.9	3.0	. 3						123.0	9.7

	TOTAL NUA	ABER OF ORS	ERVATIONS		744
				123.0	9.7
\leq	><	><	><	• 4	

CLUMAL CLIMATOLOGY BRANCH LIFTLIAC AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HONTARE	BURLINGTON INTL VT	74-81	YEARS	MAY BOATH
	A	CLAME CLAME		1500-1700 HOURS (L.S.T.)
		<u></u>		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	- 4	2.5	5.6	4.7	.1							14.4	9.4
NNE		. 9	1.3	8.								3.1	ರ . 3
NE	- 3	9	. 5	. 3								1.7	6.4
ENE	• 4	• 5		• 1								1.3	4.6
ŧ	. 4	.7	• 3	• 1	• 1							1.6	6.6
ESE	• 3	- 3	. 4	1.1								2.0	8.6
SE	• 1	_ • 3	1.1	8.								2.3	10.1
SSE		7	1.3	1.6								3.6	13.1
S	.1	4.3	7.9	9.8	1.1	- 3						23.6	10.4
SSW	1	1.9	. 1	1.3								3.5	7.9
SW		1.7	4	. 7								2.8	7.4
WSW	3	- 5	1.2	. 3								2.3	7.4
w		2.0	2.6	2.0								6.5	8.5
WNW	İ	1.3	2.7	1.3	. 3	1		<u> </u>				5.8	9.7
NW		1.7	4.3	5.4	. 5	3						12.2	10.6
NNW	1	1.5	5.2	5.0	. 4				L			12.1	10.5
VARBL													
CALM		\searrow	><	><	$>\!\!<$	><	\times	$\geq \leq$	$\geq \leq$	><	><	• 3	
	2.4	22.6	36.1	35.4	2.5	. 7	I					123.0	9.5

IOTAL	NUMBER	Of	OBSERVATIONS	743

ELMAL CLIMATOLOGY BRANCH CLAFETAC AT HEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14742	EURLINGTON INTL VT	74-81		YAM
STATION	STATION NAME		YEARS	RONTE
		ALL WEATHER		1830-2490
		CLASS		NOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•4	5.0	5.3	2.6	• 1							13.3	7.8
NNE	• 3	2.4	. 8									3.5	5.5
NE	• 4	• 9	• 5	• 1								2.3	0.1
ENE	• 3	1.6	• 3	• 1								2.3	5.4
E	. 9	1.9	• 8	• 1							L	3.5	5.2
ESE	1.1	1.3	1.3	. 4								4.2	6.2
SE	1.2	1.9	1.6	.7								5.4	6.5
SSE	• 5	1.8	1.8	. 8								4.9	7.2
5	1.3	5.4	7.1	5.1	1.1	• 1						20.2	8.9
ssw	• 5	1.5	. 8	. 4								3.2	6.2
SW	•5	1.6	. 5	• 3	• 1							3.1	6.2
wsw		1.5	1.6	. 9				<u></u>				4.2	7.7
w	li	۰۲	1.1	1.3								3.0	9.
WNW	• 8	2.4	2.4	. 4								6.1	5.4
NW		4.7	3.0	2.0	• 1	•1				L	L	9.3	7.9
NNW	• 5	2.7	5.0	1.6	• 1						L	15.0	8.1
VARBL											<u></u>		
CALM	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	1.6	
	3.9	36.7	34.0	17.0	1.6	3						103.5	

AL	NUMBER	OF O	SERVA	TIONS			_	

LE AL CLIMATOLOGY RAANCH LESTAC AND SERVICEZMAC

19742 BURLINGTON INTL VT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-81

N		STATIO	M MAME					•	YEARS			•	POSTE
	-				ALL WE	ATHEP	 					1 C C	-2390 (LEV.)
	-				con	ID!TION	·	<u> </u>					
	-									<u>-</u>			
SPEE (KNT: DIR	5) 1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 7	2.2	1.6	1.3	<u> </u>							5.3	7.5
NN		1.2	. 4	.1								2.4	5.4
NE	1.3	• 3	• 3	. 1								7	4.5
ENE	3.1	3.5			<u> </u>	L						5.6	3.6
E	3,0	3.8	.5	• 1								3.2	4.2
ESE		3.6	9.	. 5			ļ					3.1	4,3
SE		2.5	1.3	.1					<u> </u>	<u> </u>		5.2	5.1
SSE	1.8	2.3	2.2	. 7	1	<u> </u>						7.0	6.2
<u>s</u>		7.2	8.5	5.1	. 3			ļ		 	<u> </u>	20.5	7.7
SSW		1.2	. 5	L			ļ	<u> </u>	<u> </u>	ļ		2.3	4.5
SW		1.5	. 9	. 3		ļ		ļ			ļ	3.0	0.6
WSV	v <u>3</u>	9			ļ				↓		 	200	5.5
w			1.3	4	ļ		ļ		├ —	ļ	<u> </u>	3.6	6.9
WN/	- 		- 3	3	 	 	 				 	2	5.7
NW		2.0	1.2	3				 	<u> </u>	 	ļ	تعط	7.1
NW	·	2.2	1.6	-7			 	 	 	ļ		5.1	6.7
VARI			 			\ -	-			\			
CAL	* ><	\searrow		$\geq \leq$	$\geq \leq$	$\geq \leq$		\geq	$\geq \leq$	\geq		3.2	
	11	1	1	l .	1	1	I	1	l .	1	1 1	1	1

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

•

TAE CLIMATOLOGY BRANCH PRITAG PRITAGE SERVICERYAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ALINGTON INTL VT	74-51	MAY BOUTH
		ALL WEATHER	Δ L L
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPLED
N	. 7	2.5	3.3	2.6	• 1							9.2	ί,4
NNE	• 5	1.j	- 5	• 2								2.2	ع و د
NE	_1.0	1.2	• 3	• 1								2.5	4 . 5
ENE	2.5	2.1	. 1	• 0			1					4.7	3.7
E	2.9	2.3	• 5	• 1	• 0							5.8	4.1
ESE	1.7	1.5	• 8	• 6	• 0]				Ī	4.7	5.5
SE	1 • 1	1.7	1.3	•6							İ	4.4	5.1
SSE	. 9	1.7	1.9	1.1	• 1							5.5	7.4
S	2.5	4.9	8.4	9.6	1.2	• 1						26.2	9.6
SSW	- C	1.2	1.2	• 6								3.5	7.1
sw	.2	1.2	8.	•2	•							2.5	6.
wsw	• 2	1.3	• 9	• 2								2.5	6.6
W	. 3	1.3	1.4	• 9	• C							3.9	7.8
WNW	. 4	1.3	1.6	1.0	• 1							4.4	8.1
NW	. ?	2.3	2.8	2.4	• 2	• 1	L					7.8	9.0
NNW	• 5	1.0	2.8	2.6	• 2		L					5.1	9.1
VARBL											I		
CALM		><	><	><	\times	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><		2.2	
	13.6	28.9	28.3	22.8	1.9	. 2						106.0	7.5

TOTAL NUMBER OF OBSERVATIONS	E 1.44 :
	5945

L FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION AND VI	73-80	YEARS	J U N
		ALL WEATHER		0000-0250 HOURS (LIE.T.)
				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 7	1.8	1.4	1.0								4.9	7.3
NNE	. 3											ن و	2.5
P16	1.2	2.1										3.3	3.8
ENE	5.0	3.7	• 1									5.9	3.7
E	7.9	3.7	• 3									11.9	3.3
ESE	_ 3.2	1.5	6			• 1						5.8	4.2
SE	2.1	3.1	1.4				,					ნ.5	4.9
SSE	1.7	2.8	2.1	. 8	• 1							7.5	6.2
S	2.8	6.1	12.5	7.2	. 4							29.0	8.5
SSW	7	1.5	. 7	. 7								3.2	6.9
sw	. 4	1.2	4									2.1	5.3
wsw	. 3	4	. 4	• 1								1.2	6.4
w	- 6	1.0	. 4	• 1								2.1	5.5
WNW		1.3	8	.1			1					1.0	6.6
NW	• £	1.0	- 3	. 4					T			2.2	6.0
NNW	.6	1.2	1.4	.3								3.5	6.4
YARBL													
CALM		\times	>	\times	\times	\times	\times	\times	\boxtimes	\times	\sim	4.7	
	27.5	77.5	22.8	17.8	.6							101.0	غ م ځ

TOTAL NUMBER OF OBSERVATIONS

H PAL CLIMATOLOGY BRANCH P. TAC C. LEATHTH SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 42	CRLINGTON INTL VT		յ ս -
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	<u> </u>
		CLASS	HOURS (L.S.T.)
		CONSITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.5	1.1	. 4								4.3	5.8
NNE	• 5	• 8										1.4	٠.٤
NE	1.0	1.5										3.5	3.2
ENE	5.1	3.7										9.9	3.2
E	5.8	3.3	• 1								Ī	13.3	3.3
ESE	2.8	2.5	. 6	• 1								0.0	4.5
\$E	3.2	2.4	• 8	• 3								ύ.7	4.4
SSE	1.4	1.4	2.5	8.1								7.1	7.5
S	3.2	5.4	12.6	7.4	• 1							25.7	8.3
SSW	• 4	1.9	. 4						[2.5	5.1
sw		1.1		• 1								1.5	5.3
WSW	• 3	• 5	1.1									1.9	6.8
w	• 5	1.2	1.1									2.9	5.7
WNW	• 1	2.1	8.			Γ			T			3.1	5.6
NW	• 5	1.2	. 6	• 1								2.5	5.1
NNW	.7	1.5	1.7	•1							<u> </u>	4.0	6.2
VARBL]			
CALM		><				$\geq <$			$\supset <$	><		3,5	
	29.3	32.6	23.5	10.4	•1							100.0	5.6

			150.	<u>a</u> .	. 6
TOTAL NUM	ABER OF OBS	SERVATIONS	-		<u>720</u>

L PAL CLIMATOLOGY RPANCH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SYATION	<u> مائی</u>	INGTON	INTL V	T I NAME				80	 ,	YEARS				NOM THE
		_				ALL WE	ATHER						<u>0600</u>	-0856 -0856
						сон	DITION							
[SPEED (KN75)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	X	MEAN WIND
	DIR.													SPEED
(N		2.9	3.1	1.7								5.2	7.5
1	NNE	1.1	• €										1.7	3.3
Į.	NE	, 7	1.7										2.4	4.0
	ENE	2.8	1.4	• 1									4.3	3.3
	E	2.4	1.3	. 4									4.6	3.9
[ESE	7.1	1.5	1.2	. 3								4.9	5.0
[SE	1.2	1.2	.7	.6								3.7	5.8
ĺ	SSE	1.1	1.5	2.4	2.2								7.2	8.2
Ī	\$	1.7	5.8	14.0	14.0	1.0							36.5	0.7

WSW	. 3	8	. 3		Ł	<u> </u>	L	1	1	1		1.8	6.5
w	4	- 4	1.9	1								2.9	7,9
WNW	. 1	1.1	2.2	8			[Γ	Ţ	4.3	7.0
NW	- 4	1.2	1.4	. 8				[3.9	7.8
NNW	- 4	1.5	2.8	1.4								6.1	8.0
VARBL									1	1			
CALM	$\geq \leq$	$\geq \leq$	\ge	$\geq <$	\geq	\geq	$\geq \leq$			\supset		1.7	
	16-0	25.3	33.3	22.8	1.0							135.0	7.5
									TOTAL NU	MBER OF OB	SERVATIONS _		720

L TAL CLIMATOLOGY BRANCH COMPETAG AT REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11 / 42 STATION	URLINGTON INTL VT	73-8G	JUN:
5121NM	3:4:(Vm none		
		ALL WEATHER	1900-1160 HOURS (L.S.T.)
		COMPLITION	-

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 6	1.4	2.8	1.8								6.5	8.3
NNE		• 6	• 3	• 1								1.0	7.3
NE	• 5	• 3										. 8	3.3
ENE	• 5	• 4]						1.0	3.1
E	• 3	• 5										• 9	4 . C
ESE	• 1	• 7	. 4	• 3								1.5	6.7
SE	• 1	• 8	• 8	_ 3								2.1	7.5
SSE	• 3	1.9	1.8	2.1	. 4							5.4	9.4
5	• 1	3.9	12.8	20.7	1.9							39.4	11.1
\$5W	• 3	1.8	3.1	1.1								6.2	7.9
SW	• 1	1.5	. 7	• 1								2.5	6.3
wsw	• 6	1.1	•8	• 1								2.6	5.8
w	. 4	1.9	2.2	1.2								5.3	7.7
WNW	• 3	1.1	2.4	. 7]	I			4.4	3.0
NW	•]	3.3	4.3	1.8								7.6	7.9
NNW	• 1	1.5	4.6	2.6								t • 9	8.9
VARSL													
CALM		> <	$\supset <$	><	><			$\supset <$			><	, 3	
	4.6	22.8	36.9	33.1	2.4							100.0	9.1

IATC	NU	MBEI	OF	08	SERVATIONS	7 ?	3

TE TAE CLIMATOLOGY BRANCH DELTAC AT LEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

EXELINGTON INTL VT 73-80 VEARS												U ^A .
-				ALL WE	ATHER						1200	-1471 (CERT)
-	сонытюв											
- 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
- 3	2.5	4.7	2.1								9.6	6.5
	1.0	.6	•1								1.7	6.5
• 1	.6	. 4									1.1	5.8
. 4	• 3										• 7	3.4
. 3	• 4										• 7	4 . 2
. 4	. 4	• 6	•6								1.9	7.5
		1.2	1.1								2.6	9.5
• 3	1.7	1.8	2.5	. 3							5.8	10.1
.3	1.2	9.9	17.6	1.1	. 3						31.0	11.4
-1	3	2.5	2.5								6.3	9.6
-1	9	1.5	. 7								3.2	7.9
.4	1.7	2.4	-3								4.7	7.2
_1	1.5	2.6	8								5.1	7.9
3	1-1-1	3.1	1.5						L		6.4	8.8
-1	1.7	3.6	4.3						ļ		9.7	9.6
	1.5	4.3	3.3								9.3	9.5
	_					Ļ			<u> </u>			
\leq	><	><	$\geq \leq$	><	><	><	><	><	><		• 4	
<u>~</u>	<u></u>											

LETTAL CLIMATOLOGY BRANCH LETTAC 45 HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL WE	ATHER						1500] - 1 7 6 (L.S.
	<u>-</u>												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MI W
N		2.5	4.7	1.8								9.0	
NNE	• 3	• 1	. 4	• 3		<u> </u>	1					1.1	
NE		• 6	• 4			1						1.0	
ENE	• 1	• 3	• 1								_	• 6	
E	• 3	• 6	•1	• 1		Ì						1.1	
ESE	• 1	• 7	.7	• 3								1.3	
SE	• 1	• 4	. 4	•7							1	1.7	
SSE	• 3	1.5	2.1	2.1								6.3	
S	• 3	3.3	11.0	16.2	. 4	•1						31.4	1
\$SW	• 3	1.3	2.4	1.1	•1							5.7	
sw		1.1	1.8	• 3								3.2	
wsw	• 1	1.7	1.5	.4								4.0	
w	.7	2.1	2.9	1.4								7.1	
WNW		1.4	2.2	1.2		L						4.9	
NW	• 3	1.1	4.6	3.1								9.0	
NNW	.7	1.8	5.7	3.9		•1						12.2	I
VARSL													
CALM												- 3	

TOTAL NUMBER OF OBSERVATIONS 723

OLIGAL CLIMATOLOGY BRANCH CINEETAC AT REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION		THOINT	STATIO	STATION NAME YEARS										MONTH		
		-			-	ALL WE	ATHER						1800	-2000 (Cata)		
		-				con	IDITION									
	SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED		
	N	1.0	3.3	3.5	1.0	.1							t.9	7.5		
	NNE	.7	1.1	9.	.1								2.8	5.4		
	NE	. 1	1.7	. 1									1.2	5.1		
	ENE	_ • 4	1.1				{						1.5	4.3		
	E		2.5	• 3									3.3	4.5		
	ESE	1.0	1.2	. 4									2.6	4.4		
	SE	.6	3.5	1.9	1.2								7.2	8.6		
	SSE	.7	3.1	3.7		ļ							5.2	6.9		
	1 .	11 1			1	1 .	1	4	1	1	, ,)			

	#						+		+		+	*	
N	1.0	3.3	3.5	1.0	1			1	<u>i </u>	<u> </u>	1	5.9	7.5
NNE	. 7	1.1	9.	• 1								2.8	5.4
NE	. 1	1.7	. 1									1.2	5.1
ENE	4	1.1				ł		I				1.5	4.3
E	5_	2.5	. 3									3.3	4.5
ESE	1.0	1.2	. 4			[2.6	4.4
SE	. 6	3.5	1.9	1.2								7.2	6.8
SSE	. 7	3.1	3.7	. 7								5.2	6.9
S	3.2	8.1	13.6	7.8	1							29.7	8.1
SSW		1.2	. 7	. 3								2.4	6.5
sw	1.3	1.8	. 3									3.1	4.5
WSW	. 4	1.1	.6	3			L	I	I			2.4	6.3
*	. 3	1.9	2.5	1.0]	I		5.7	7.4
WNW	4	1.8	2.2	1.4								5.8	8.1
NW	.6	1.9	1.9	1.4	1		L					6.0	8.2
NNW	1.1	2.9	3.5	.7								υ•2	6.7
VARBL													
CALM		$\geq <$	><	$\geq \leq$	$\geq \leq$	\times	$\geq <$	$\geq \leq$	$\geq \leq$	\geq		1.0	
	12.1	37.6	33.1	15.8	. 4							100.7	7.00

TOTAL NUMBER OF OBSERVATIONS	720

E - AL CLIMATOLOGY BRANCH FIFETAC ' EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	URLINGTON INTL VT			JUN
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		2100-2300
		CLASS		HOURS (L.S.T.)
		CONDITION		
				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 7	1.8	1.0	1.2								4.7	7,
NNE	•1	• 5	• 1									• 3	5.
NE	3.	1.4	1									2.4	4.
ENE	2.6	2.9	• 3									>.8	4.
E	5.4	5.4	.7									11.5	3,
ESE	3.9	3.5	.6	•1								5.1	3.
SE	2.1	3.7	1.7	.6								8.1	5.
SSE	2.1	2.9	4.2	. 4								9.6	٤.
5	2.5	6.4	12.4	5.3								26.5	8.
SSW		1.3	1.1	. 4								3.2	6.
SW	• 1	1.5	• 1	.3]]			2.1	5.
wsw	. 4	. 7	. 7									1.6	5.
*	.7	1.2	1.2						1			3.2	5,
WNW	• 6	1.1	1.4	.7								3.7	7.
NW	. 11	1.3	.7	•6								2.6	7.
NNW	• 4	• 6	1.1	. 8								2.9	7.
VARBL													
CALM	$\supset \subset$	$\supset \subset$	$>\!\!<$	$\supset <$	>>	$\supset <$	$\supset <$	> <	$\supset <$	$\supset \subset$	> <	2.9	
	23.6	35.7	27.4	10.4				-				100.0	5

TOTAL NUMBER OF OBSERVATIONS 72()

CLOPAL CLIMATOLOGY BRANCH SCAPETAC ATT REATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

£لاظ	INGTON	INTL V	T NAME				C 3		TEAS				UN
	_				ALL WE	ATHEP	 -						<u>L L</u>
	-				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 6	2.3	2.8	1.4	.0							1.0	7.6
NNE	- 4	. 6	. 3	•1								1.3	5.4
NE	. 7	1.1	• 1									2.8	4.1
ENE	2.3	1.7	1									4 • 1	3.€
E	3.0	2.3	• 2	.0								5.5	3.7
ESE	1.7	1.6	. 6	• 2		• C						4.1	4.7
SE	1.2	1.9	1.1	• 6								4.8	6.3
SSE	1.0	2.0	2.6	1.6	-1							7.2	7.7
\$	1.8	5.1	12.0	12.0	6	.1						31.5	9.5
55W	- 3	1.4	1.6	. 8	. 3							4.2	7.6
SW	. 3	1.2	. 7	.2								2.4	6.2
WSW	2 3	1.0	1.0	.2								2.6	6.6
w	5	1.4	1.9	.6				<u></u>	<u> </u>			4 . 4	7.2
WNW	2	1.4	1.9	. 9								4.4	7.8
NW	- 4	1.6	2.2	1.6	2							5.7	3.3
NNW	. 5	1.6	3.1	1.6		0.						6.7	8.2
VARBL													
CALM			><							><		1.8	
										*			

TOTAL NUMBER OF OBSERVATIONS 576.3

LE PAL CLIMATOLOGY BRANCH LIMPLIAC ADD LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14742	EDRLINGTON INTL VT	73-83		JUL		
STATION	STATION NAME		YEAR	MONTH		
		ALL WEATHER		⊎ 007 ~0207		
		CLASS		HOURS (L.S.T.)		
		CONDITION				
	•					

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 0	1.2	1.2	• 7						 		4.0	6,6
NNE	. 4											. 4	3,0
NE	3.4	1.6	• 1									5.1	3.4
ENE	٧.5	5.1			_							13.6	3.4
E	8.3	6.5	• 3									15.1	3,4
ESE	4.2	4.0	• 1									3.3	3.6
SE	3	2.6	• 3									5.3	3.7
SSE	1.5	1.6	1.7	. 7								5.5	6.3
5	2.8	5.2	9.8	7.0	• 3							20.1	8.2
SSW	• 4	• 5	• 8	• 1								1.9	6.9
\$W	• 5	• 8	• 5									1.9	5.1
wsw	• 1	• 1	I									• 3	4.0
w	. 5	. 4	_ 3									1.2	4.9
WNW	• 3	1.3	• 8	. 4								٤ . 8	6.6
NW	• 5	. 8	_ •5	• 3								7.2	6.0
NNW	.7	1.1	1.1	• 1	• 1							3.1	6.7
VARSL										1			
CALM		$\supset <$		><	><	>><	\geq	$\supset <$	$\supset <$	$\supset <$		2.6	
	36.0	33.9	17.6	9.3	4							100.0	5.3

	<u> Hillied I</u>	<u> </u>
	100.0	5.3

LL.BAL CLIMATOLOGY BRANCH THEETAC AZE FEATHER SERVICEZMAC

14/42 SUPLINGTON INTL VT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-80

	_				ALL WE	LASS.			 -			<u> 300</u>	18 (
	_				COM	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	. 9	1.5	1.3	.1	.1							4.0	1
NNE	. 7	• 1										• 8	T
NE	1.3	2.5						1				3.9	Π
ENE	7.5	7.7	1					·]]		15.3	Γ
E	7.8	7.0	. 4									15.2	
ESE	4.0	2.8	1					ľ				7.0	I
SE	2.3	1.3	. 3									3.9	
SSE	1.1	1.7	2.2	.7								5.6	L
\$	1.9	6.5	11.6	7.1	1							27.2	L
SSW	1	1.2	. 7	• 3								2.3	L
SW	. 3	• 7	.3									1.2	L
WSW	<u> </u>	<u>8</u>	1	1							L	1.1	L
w	3	5	1.1	5						<u> </u>		2.4	L
WNW	1	9	7		L						ļ	1.7	L
NW		5_	1	1						!		9	L
NNW		_1.1	1.6	5_	1			L		ļ		3.9	L
VARBL						Ļ		Ļ,	Ļ	Ļ	Ļ		Ļ
CALM	\sim	\sim	\rightarrow	\sim		\sim	\sim	\sim	1><	\sim		3.5	1

TOTAL NUMBER OF DESERVATIONS

L MAL CLIMATOLOGY BRANCH L'AFOTAC AL DEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

16742	BURLINGTON INTL VT 73-83							JUL	
STATION		STATION NAME				 YEARS		 	4047 H
				ALL WEA	THER				1040-
	-			CLAS				ROVE	IS (1. S.T.)
	-			COMBIT	ION	 			
•									
	•					 			
_								 	
								T	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.4	1.0	1.3	• 5								4.2	6.4
NNE	• 3	1.5	_ • 3									2.5	4 . (:
NE	1.5	1.5								I		3.1	3.7
ENE	4.7	2.7	• 1									7.5	3.5
£	5.6	3.0	• 3									8.2	3.4
ESE	3.2	1.9	.7	• 1								5.4	4.1
SE	1.2	1.3	• 3									2.8	4.1
SSE	1.5	3.6	2.4	• 9								: 5	4.6
s	2.0	5 · A	18.1	12.2	• 1							30.3	9.1
SSW	. 4	.7	1.3	• 1								2.6	6.8
SW	• 1	• 9	. 8									1.9	6.€
WSW	• 3	• 3	. 4									1.5	5.7
w	• 5	• 5	. 9	.4								2.4	6.9
WNW		• 7	1.3									2.0	7.5
NW	• 1	. 4	1.1	1.1								2.7	9.5
NNW	• 3	1.3	2.4	.7								4.7	7.7
YARBL						<u> </u>							
CALM		\geq	> <	\geq	\geq	\geq	\boxtimes	\geq	\geq	\geq	\geq	1 - 2	
	22.C	28.6	31.9	16.1	.1							100.0	0.5

TOTAL NUMBER OF	OBSERVATIONS	744

L AL CLIMATOLOGY SPANCH SETAC SEATHER SERVICEZHAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

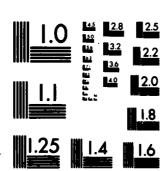
حلنا	INGTON	V I WTL VT 73-80 STATION NAME VEARS										JUL	
		BTATIG	N NAME					`	TARS				
	_				ALL WE	ATHER						Q_!O	-117 B (LB.T.
					_								
					COM	DITION							
	_												
		 -			,					,			
SPEED (KNTS)	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA
DIR.							-		4,	" "		1	SPEE
N	. 3	2	2.6	1.3								7.5	7,
NNE	• 3	, ij	• 1	• 1								1.5	
NE	• •	• 3	• 1									. 8	
ENE		• 4										• 4	5.
E	• 3	• 3	. 4									• 9	5.
ESE	.4	. 7	• 3	• 1								1.5	5. 5.
SE		• 4	• 1	• 3								1.3	5.
SSE	• 3	1.3	2.0	1.2								4.8	5 ·
\$	1.1	3.1	16.4	21.1	1.1							42.7	100
\$5W	3	1.1	4.2	1.6	.1							7.3	9
sw	• 5	1.3	1.6	1								3.5	6.
wsw	. 3	. 3	2.4	. 4								4.3	7
W		2.0	1.1	_ 4								3.0	6
WNW	1	1.2	1.2	.7								9 ر	7
NW	1	2.2	4.7	1.3	1							5 ن	- 3
NNW	4	1.3	3.9	2.0	. 3							7.3	3
VARBL													
CALM		><	><	><	> <	> <	$\supset \subset$	> <	> <	><	> <	• i	
		21.0	41.1	30.8	1.6				· · · · · · · · ·		· — — — — — — — — — — — — — — — — — — —	100.0	

D-A113 224	DEC 81	JION IAP	, AEMM(TAL TEC INT. RE	AIZED (JNIFORM	SUMMAR	Y OF S	ETC URFACE	CE WEAETC(U)		
<i></i>	USAFETA	4C/DS-82	/006			BI-AD-	E850 13	9.		. NL		
2 6												
											-	
	2 6	DEC 81 NCLASSIFIED USAFET	DEC 81 NCLASSIFIED USAFETAC/DS-82	DEC 81 NCLASSIFIED USAFETAC/DS-82/006	DEC 81 NCLASSIFIED USAFETAC/DS-82/006	DEC 81 NCLASSIFIED USAFETAC/DS-82/006	DEC 81 DEC 81 USAFETAC/DS-82/006 SBI-AD-	DEC 81 NCLASSIFIED USAFETAC/DS-82/006 S8I-AD-E850 13	NCLASSIFIED USAFETAC/DS-82/006 S81-AD-E850 139	DEC 81 NCLASSIFIED USAFETAC/DS-82/006 SBI-AD-E850 139.	NCLASSIFIED USAFETAC/DS-82/006 SBI-AD-E850 139 NL	

OF



3224



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A.

CL CAL CLIMATOLOGY BRANCH CAFETAC AT LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

16:42	SURLINGTON INTL VT	73-80		JUL
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1230-1400
	,	CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.4	3.9	4.4	1.1								9.9	7.4
NNE		1.3	. 9	,								2.3	6.3
NE	• 1	• 9	• 1						<u> </u>			1.2	4 . 6
ENE	• 3	• 5					L					. 8	4 . 3
E	• 5	• 4	• 1	• 1						<u></u>		1.2	5 - 1
ESE	•1	• 3	• 5	. 4								1.3	7.9
SE		• 1	. 4	. 4					İ	<u> </u>		. 9	9.6
SSE		• 8	2.0	1.9	• 1							4.8	9.5
5	• 1	1.7	12.5	18.0	. 8	ļ <u>.</u>						33.2	11.5
SSW	• 5	• 7	3.4	1.9			<u> </u>					6.5	9.0
SW	.4	1.1	2.4	. 9			ļ	ļ		<u> </u>		4.8	8.0
W\$W	.4	1.2	2.3	• 3		ļ	ļ	L		ļ		4.2	7.3
w	• 3	2.2	2.8	1.1						<u> </u>		6.3	7.6
WNW	• 3	• 5	2.8	1.5						ļ		5.1	8.6
NW		• 9	3.4	2.6	.1	ļ	• 1	ļ <u> </u>		<u> </u>		7.1	10.1
NNW	• 1	1.1	4.4	4.3	• 3							10.2	10.0
VARBL										L			
CALM	\searrow	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	•1	
	3.6	17.7	42.6	34.4	1.3		.1					100.0	9.

DTAL	NUMBER	OF	OBSERVATIONS	-		
				7	44	

CLC AL CLIMATOLOGY BRANCH STAFETAC ALS REATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

U , U 2	<u> 504L</u>	INGTON	V INTL VT 73-80 YEARS									JUL Bootu			
			ALL WEATHER CLAME								1509-1700 HOUSE (C.S.T.)				
		-				cas	1917161								
	SPEED (KNTS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	2.8	5.1	1.9								10.2	6.0
NNE	• 1	1.5	1.7	• 3								3.6	7.2
NE	. 3	• 5										. 5	4.0
ENE		• 5										• 5	4 . 5
£	. 7	1.3	. 4	• 3								2.3	6.
ESE	• 1	- 3	3	• 1								1.3	5.6
SE	.1	. 7	1.2	. 4								2.7	7.4
SSE	. 3	1.1	1.9	2.2								5.4	8.
5	1.1	3.6	11.7	12.8	. 4							29.6	10.0
55W		. 9	2.2	1.5								4.7	9.4
sw		1.6	2.0									3.8	6.1
WSW		1.7	3.2	9								5.9	8
w		5	2.4	1.2								4.2	8 . !
WNW	.1	1.3	2.3	1.1	.1							5.0	8.3
NW	1	2.2	3.9	3.0	3							9.4	9.42
NNW	. 4	2.3	4.6	3.2	-1							10.6	9.6
VARBL													
CALM	><	$>\!\!<$	$>\!\!<$	\times	\mathbb{X}	><	\times	$\geq \leq$	$\supset <$	$\supset <$	> <		
	7 4	23.8	42.9	28.9	1.1							100-0	6.

TOTAL	NUMBER	Of	OBSERVATIONS	744

SE FAL CLIMATOLOGY BRANCH SPETAC ATT SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	EURLINGTON INTL VT	73-80	Jul
STATION	STATION NAME	YEARS	Beatil
		ALL WEATHER	1800-2300
		CLANG	HOURS (L.B.T.)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N	. 7	5.6	2.8	. 4	1							9.7	6.2
NNE	- 5	1.7	• 3									2.6	4.7
NE	. 4	• 0	• 3									1.6	4.5
ENE	1.5	2.3	. 4	• 1								4.G	4.6
E	1.2	3.5	- 5									5.2	4.4
ESE	.7	3.1	• 5									4.3	4.7
SE	.7	2.4	. 7	_ • 5	1							4.3	5.9
SSE	• 8	2.7	2.2	• 1								5.8	6.1
S	2.4	5.8	10.3	6.5								25.J	8.1
SSW	• 7	2.4	1.9	• 1								5.1	6.1
SW	• 1	2.4	1.2									3.8	6.1
WSW	[1.7	1.3	• 1								3.2	6.8
w	. 3	1.3	2.6	. 4								4.6	7.1
WNW	• 7	3.4	2.3	• 3								ا من	6 • C
NW	• 7	2.7	2.4	2.2	•1							1 - 7	3.5
NNW	•4	2.2	2.3	• 9								T	7.2
VARBL												1	
CALM	\searrow	$>\!\!<$	\times	$\geq <$	\times	\times	\times	\times	> <	\times	><	1.1	
	11.7	43.3	32.0	11.7	. 3							100.0	6.6

TOTAL	NUMBER OF	OSSERVATIONS	744

LIBAL CLIMATOLOGY BRANCH SASETAC AD REATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OSSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ATION	มนกั L ไ	INGTON	INTL V	T MARIE			73-	8D	 ,	PEARS				UL
		_				ALL WE	ATHER						2100	-2302 (644)
						CON	IDITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.1	1.7	. 9	4.5								4.3	5.5
Γ	NNE	.3	. 4	_									, 7	4.4
	NE	1.3	1.3										2.7	3.7
	ENE	3.9	6.0	• 1									10.1	3.8
	E	.5.0	6.2		• 1								11.3	3.8
	ESE	4.4	4.7	. 8	• 3								10.2	4.2
	SE	1.9	3.5	. 4									5.9	4.3
	SSE	1.3	3.0	1.6	3								€.2	5 . 8
	S	4.2	8.5	9.3	5.6								27.6	7.3
	SSW	- 5	2.2	. 5									3.2	5 . [:
	SW	. 5	1.6	. 7									3.0	5.5
Ĺ	WSW	. 3	. 7										9	4.3
	w	1	1.6	. 4									2.2	5.4
	WNW	- 3	1.7	1.5	. 4								3.9	7.0
L	NW	- 4	. 7	1.1	5								2.7	7.8
	NNW	5	. 9	. 9	. 5				i				3.0	6.5
	VARBL													
ſ	CALM	><	><	> <	$>\!\!<$	> <	> <	> <	><		><	\rightarrow	2.4	
_ =														

LL TAL CLIMATOLOGY BRANCH LANGUTAC ATT AFATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14:42	SUBLINGTON INTL VT	73-80		JuL
STATION	STATION NAME		YEARS	404 TH
		ALL WEATHER		ALL
		CLAM	·	HOURS (L.S.T.)
				
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	•6:	2.7	2.5	.8	• 0			İ				6.7	7.3
NNE	.4	• 9	. 4	• 1					I			1.8	5.4
NE	1.1	1.2	• 1			İ						2.4	3.9
ENE	3.3	3.1	• 1	•0								6.5	3.7
£	3.5	3.5	• 3	• 1								7.4	3.8
ESE	2.2	2.3	. 4	• 1							!	5.0	4.2
SE	1.2	1.6	• 5	•2								3.4	4.9
SSE	• 9	2.5	2.0	1.6	•0		!				1	ذ و د	7.2
\$	1.0	5.1	12.5	11.3	. 4							31.2	9.2
SSW	. 4	1.2	1.9	.7	•0							4.2	7.8
SW	• 3	1.3	1.2	• 2								3.0	6.5
WSW	• 2	1.0	1.2	• 2				İ	1			2.0	7.1
w	• 3	1.1	1.4	• 5				1	1	1		3.4	7.2
WNW	•2	1.5	1.6	.5	•0			1	†	1		3.9	7.2
NW	• 3	1.2	2.2	1.4	•1		.0		† 	1	1	5.1	6.7
HNW	.4	1.4	2.7	1.5	•1	i - ''		Ì	†	1		6.1	8.5
VARBL		-					 	1	 	1			
CALM	\searrow	\times	\times	\times	\times	\times	> <	\times	\boxtimes	\times		1.4	
	17.2	31.2	30.9	18.6	. 7		0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

595.

LEAL CLIMATOLOGY BRANCH MARCETAC AT A CATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	STRLINGTON INTL VT		AUS BORTH
		ALL WEATHER	<u> </u>
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.5	1.5	.5	1								2.7	5.7
NNE	Q.	- 8										1.6	3.4
NE	1.9	2.2										4.0	3.7
ENE	6.3	6.9	. 4]]				13.6	3.8
E	8.3	5.3	. 1	• 1								14.4	3.6
ESE	5.0	3.2	3.									9.0	4.5
SE	2.0	4.4	. 4									6.9	4.3
SSE	2.2	2.2	1.5	. 3								6.3	5.3
\$	3.5	6.0	10.5	3.9								23.9	7.4
SSW	• 5	1.2	• 1				1					1.9	4.5
sw	. 1	- 4	• 1	•1								. 8	6.7
wsw	.4	- 3	. 5	.1			T					1.9	5.6
w	. 3	. 9	. 9	8								3.3	7.8
WNW	. 1		. 5	. 1								.8	7.8
NW	. 4	. 7	. 4									1.5	5.6
NNW	- 3	1.6	1.5									3.4	6.3
VARBL													
CALM	\mathbb{X}	\times	\times	\times	\times	\times	\times	>	\times	><	$>\!\!<$	4.7	
	32.7	38.6	18.4	5.6								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 744

FL FAL CLIMATOLOGY BRANCH SAFETAC ALM REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1 4 2 STATION	SUFLINGTON INTL VT	73-80	YEARS	AUC		
		ALL WEATHER				
		COMPLYION				

\$PEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥54	%	MEAN WIND SPEED
N	• 9	2.3	1.1									4.3	5.2
NNE	• 5	. 8										1.3	3.7
NE	2.8	1.5										4.3	3.4
ENE	6∙3	4.7]					10.8	3.5
E	8.7	8 • 2	• 1									17.1	3.6
ESE	4.7	2.2	• 7				1					7.5	3.7
SE	2.4	3.2	• 7									6.3	4.3
SSE	1.3	2.6	. 8	• 1								4.8	4.9
\$	2.6	5.1	9.1	4.7]		21.5	7.8
SSW	• 5	1.2	1.7									3.5	6.3
sw	• 1	• 3	• 1						1			.5	5.3
WSW	3	1.1	• 1									1.5	4.6
w		.7	1.3	.7					1			2.7	8.4
WWW	• 3	• 5	• 1	.4						1		1.3	7.1
NW	• 1	• 3	. 8									1.9	6.3
NNW	• 3	1.7	.7			<u> </u>						2.7	5.2
YARSL									<u> </u>			1	
CALM	$\geq \leq$	> <	\times	\times	> <	\times	> <	>	\geq	\geq	$\geq \leq$	7.9	
	31.7	37.0	17.5	5.9								100.0	4.8

OTAL	NUMBER	OF	OBSERVATIONS	7	7 4 4	

SE FAL CLIMATOLOGY BRANCH STATE TAC ASSEMBLY SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION	SURLINGTON INTL VT	73-83 YEARS	AUG BOOTH
		ALL HEATHER	3600-5800 10000 (LET.)
		COMPITION	
			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 9	1.2	3.1	S								5.8	7.
NNE	3	. 5	. 4		Ĺ							1.2	5.
NE	1.9	2.3										4.7	3.
ENE	3.9	3.1										7.0	3.
E	6.7	5.4	. 5									12.6	3.
ESE	3.2	3.0	•1									6.3	3.
SE	1.5	2.7	8.			1						5.1	4.
SSE	1.5	2.7	2.0	. 5								6.7	6.
\$	1.7	7.8	13.0	2.9								31.6	6.
SSW	. 3	9.		• 5								2.7	7.
SW		. 8	. 9	1								1.9	7.
WSW	. 5	- 4	-4	. 3								1.6	6.
w	1	7		. 9								2.0	8.
WNW			- 7	. 4								1.1	10.
NW	- 1	1.2	.7	. 4				1				2.4	7.
NNW	.5	.9	2.3	. 3			1		†			4.3	6.
VARBL										<u> </u>		1	
CALM		\times	\geq	\times	\geq	\times	$\geq \leq$	\times	\boxtimes	\times	\times	3.2	
	23.5	38.0	26.3	12.9								150.0	6.

TOTAL	NUMBER (OF	OBSERVATIONS	744	

SLEE AL CLIMATOLOGY BRANCH SPECTAC ALS SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 4 2 STATION	GURLINGTON INTL VT	73-80 YEARS	A U G
		ALL WEATHER	5938-1133 HOVES (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	• 3	2.2	2.6	1.6								7.1	7.6
NNE	. 4	• 5	. 4									1.3	5.2
NE	• 1	1.1	• 1									1.3	4.7
ENE	. 4	. 4	. 1									• 9	4.0
E		• 5	• 7								. '5	1.2	6.4
ESE	•1	£,	• 5									1.2	6.4
SE	•5	• 3	1.3	• 1								2.8	6.3
SSE	•5	2.0	1.9	1.2					-			5.6	7.6
5	• 4	6.7	16.7	16.7	• 3	i						40.1	9.8
SSW	.7	1.9	3.8	1.1								7.4	7.4
sw	• 5	1.1	2.3	.8			1					4.7	7.6
wsw	• 7	1.5	1.5									3.6	6.0
w	. 4	1.2	2.0	1.3								5.0	8.2
WNW	• 3	1.3	1.3	1.2								4.2	6.0
NW	. 3	1.3	2.2	1.7								6.0	8.0
NNW	• 5	2.6	2.8	1.5								7.4	7.7
VARSL										,			
CALM	><	\times	\times	\times	\times	>>	> <	\times	> <	\searrow	\geq		
	7.3	25.0	40.2	27.3	3							102.0	8.3

	103.0	8.3
TOTAL NUMBER OF OBSERVATIONS		744

CLUFAL CLIMATOLOGY BRANCH CORPETAC ATT FEATHER SERVICE/MAC

14747 BURLINGTON INTL VT

Ξ.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		ALL WEATHER										1200-14				
		_				ALL WE	ATHER	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					-140C		
		_				ÇO1	MITION				_					
		_								<u>-</u>	_					
SPE (KN Di	TS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED		
		- 3	1.5	5.4	2.0				-				9.1	8.4		
N	4E	.4	. 4	. 4	• 1								1.3	5.3		
N	E		. 5	• 1									• 7	5.6		
EN	12	.5	• 7	. 4									1.6	4.5		
	!	3	. 4	• 3	•1						1		1.1	5.9		
ES	SE	. 4	• 5	• 7									1.6	6.0		
\$	E	. 3	• 7	• 3	.1								1.3	5.7		
55	ië.		. 9	3.4	2.0								6.3	9.1		
\$	•	- 1	3.8	12.9	14.0	. 8				Ī		· · · · · · · · · · · · · · · · · · ·	31.6	10.3		
\$5	w	.5	2.4	2.7	. 9						1		6.6	7.2		
S	w		1.5	1.7	. 4								3.6	7.4		
W	w	. 4	2.7	1.9	. 4						1		5.4	6.3		
W	v	.7	2.0	2.8	1.9				<u> </u>				7.4	8 D		
WN	w	2.5	1.3	2.2	. 8				1				4.6	7.7		
M	w	.1	2.0	4.3	2.7	1			1		1		9.3	9.2		
NN	w	.1	2.3	3.8	1.9								ŝel	8.4		
VAI	204				~*/				1	†	1			-		

TOTAL NUMBER OF OBSERVATIONS 744

ELPAE CLIMATOLOGY BRANCH CHARLETAC AL CLATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14.42	BURLINGTON INTL VT	73-83	Aug
STATION	STATION NAME	YEARS	MONTH
-		ALL WEATHER	1562-1700
		CLASS	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 5	3.8	9.3	1.6								15.2	7.7
NNE		. 9	1.9	• 1								3.0	7.3
NE	• 1	• 3		• 1								1.5	5.7
ENE	• 3	• 6	• 5									1.6	5.2
E	.3	• 8	.7	• 3								2.3	6.9
ESE	• 1	1.2	• 8				T					2.2	5.0
SE	• 3	1.3	.7	• 1								2.4	5.6
SSE	• 3	1.6	2.7	1.6]		0.2	8.3
5	• 4	, ·	14.1	9.1	•1							20.6	9.3
ssw		1.5	2.0	• 5								4.0	7.5
sw	• 1	1.3	1.2	. 4						1		3.1	7.3
wsw	• 5	2.6	• 9	•1					İ			4.2	5.6
w	. 3	1.6	2.3	1.3								5.5	8.7
WNW		1.3	1.9	1.5			ļ		<u> </u>	1		4.7	8.7
NW	• 1	1.3	3.8	2.6		1						7.8	9.2
NNW	• 3	1.6	4.8	1.2					1			7.9	7.9
VARBL	<u> </u>			- 						 		<u> </u>	<u> </u>
CALM	\times	\times	>	\sim	>>	>>	\times	\geq	\boxtimes	\geq	>	•1	
	3.6	27.6	47.8	25.7	• 1							188.0	٤٠١

					_	<u> </u>	 	ı
OTAL P	REAMUP	OF C	DBSERVATI	ONS			744	4
				_			 	·

JU AL CLIMATOLOGY RRANCH "FETAC 4" EATHER SERVICE/MAC

10.42 SUPLINGTON INTL VT

VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_		· -		ALL WE	ATHER	<u>_</u>					1800 HOUR	- 2 (LB
	_				CON	IDITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	A V
N	1.3	5.7	2.7	. 5								11.2	
NNE	ξ,	1.2										2.6	
NE	1.1	1.5		1							ł	2.8	L
ENE	2.2	1.6	3	.1								4.2	
E	1.2	3.1	1.6		Ĺ							5.9	
ESE	3	3.9	1.1	-1			ļ			<u> </u>		5.9	L
SE	2.0	3.0	9				L				İ	5.9	L
SSE	5	4.0	3.5	. 4								2.5	L
S	2.2	13.2	9.3	3.0	-1					<u> </u>	<u> </u>	25.8	L
ssw			• 9	. 3		l	<u> </u>	L	<u> </u>			1.9	L
sw	5	1.7	. 3	.1				L				2.7	L
wsw	5	- 5	- 5									1.6	L
w	. 7	1.7	1.2	- 4	i		1		1	ļ	l .	4.3	1

TOTAL NUMBER OF OBSERVATIONS 744

CAL CLIMATOLOGY BRANCH SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION, AND SPEED (FROM HOURLY OBSERVATIONS)

	<u>86₹LIN61</u>		FION MAME			73-		,	EARS				UC.
					ALL WE	ATHER						2150	-2300
					E	LASS						110V B	5 (L.S.T.)
					CON	DITION							
					. — —					_			
	·										,		
Γ	SPEED (KNTS) 1	3 4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND

SPEED (KNTS) DHR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	. B	1.7	• 8	•1								3.5	5.2
NNE	• 9	• 3	• 1									1.3	3.5
NE	1.9	3.1										5.0	3.8
ENE	5.0	5.8										10.8	3.7
E	6.2	7.5	• 3									14.0	3.8
ESE	4.2	4.3	• 7									7.1	3.0
SE	2.0	3 • ੧	1.3									7.1	4.7
SSE	2.3	3.1	1.2	• 7								7.3	5.6
5	3.1	5.8	12.1	3.C	. 3							24.2	7.4
\$5W	• 1	1.3	1.1									2.6	6.1
SW	• 5	.7	• 3									1.5	4.6
wsw		• 3	• 3									• 5	7.0
w	- 5	1.1	• 7	• 5			1					2.8	6.9
WNW	• 5	• 3	1.3	• 5								3.2	6.9
NW	1	1.5	• 3	• 5								2.4	7.2
NNW	. 3	1.6	. 8	. 4								3.1	6.7
VARBL													
CALM		\searrow	\times	\times	>>	\times	\times	\times	\times	\times		1.0	
	28.4	42.7	21.2	5.8	. 3							184.0	5.3

NW	1	7 0 2					l		1	1	1	2 • 4	104
NNW	• 3	1.6	.8	. 4								3.1	6.7
VARBL									I				
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	1.0	
	28.4	42.7	21.2	5.8	. 3							154.6	5.3
									TOTAL NU	MBER OF OB	SERVATIONS		744

LATAL CLIMATOLOGY BRANCH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION AND STATION NAME	73-80 YEARS	AUG BOSTS
		ALL WEATHER	A L L
		COMDITION	
			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 8	2.6	3.2	. 8								7.4	6.9
NNE	. 5	• 7	. 5	.0								1.7	5.2
NE	1.2	1.7	.1	0							L	3.0	4.3
ENE	3.1	3.0	. 2	0.								5.3	3.7
E	4.0	4.7	.5	•1								8.5	4.0
ESE	2.3	2.4	.7	0								5.4	4.3
SE	1.4	2.5	9.	. 1								4.7	4.8
SSE	1.1	2.4	2.1	. 9								0.4	6.7
\$	1.9	6.2	12.2	7.9	. 2							25.4	8.6
SSW	- 4	1.4	1.7	. 4]			3.8	7.0
sw	3	1.0	. 9	• 3								2.4	6.8
WSW	- 4	1.2	. 8	. 1								2.5	6 • C
w	4	1.2	1.4	1.0								4.0	7.8
WNW	.2	. 9	1.3	.7								7.2	7.8
NW	-3	1.3	1.8	1.0	•0							4.4	6.2
NNW	. 3	1.9	2.3	.7		ļ — —						5.3	7.3
VARBL								1					
CALM		> <	$\supset <$	> <	\times	$\supset <$	$\supset <$	\geq	>>	$\supset <$	\searrow	2.5	
	18.4	34.4	30.4	14-0	.2							100.3	. 6.5

TOTAL NUMBER OF OBSERVATIONS

LECAL CLIMATOLOGY BRANCH LOFFETAC AL REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 4 7 4 Z	SURLINGTON INTE VT	73-60	SEP
SYATING	STATION NAME	HL19	BOUTH
		ALL WEATHER	J090-020 <i>L</i>
		CLASS	MONRS (L.S.T.)
		CAMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	1.0	2.5	1.9	1.1								6.9	5.7
NNE	• 3	• 6	.7									1.5	6.3
NE	1.9	a a	• 1									2.9	3.4
ENE	5.1	3.9	. 4									9.4	3.6
E	6.2	3.6	. 4									10.3	3.5
ESE	4.3	3.5	• 3									5.1	3.7
SE	1.2	3.2	• 1	• 1								4.7	4.5
SSE	1.1	1.5	1.7	- 8								5.1	6.7
\$	1.8	4.9	10.4	7.5	. 8	. 4						25.8	9.3
SSW	• 3	1.€	1.2	•1			-					2.5	6.4
SW	.4	• 3	.4									1.1	5.4
WSW	• 3		1.0	• 1								1.4	7.5
w	• 3	1.4	1.5	. 8	• 1					 -		4.2	8.1
WNW	•1	1.8	1.2	. 8								4.0	7.6
NW	.6	1.0	1.8	. 4								3.7	7.2
NNW	• 1	1.2	1.1	• 1					† 			2.6	6.6
VARSL													
CALM	X	\times	\times	\times	$\geq \leq$	\geq	\times	\geq	\geq	>	>	5.4	
	25.1	31.5	24.4	12.1	1.0	, 4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 723

LL AL CLIMATOLOGY BRANCH L FETAC AT FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TAYUM	BUBLINGTON INTL VT		YEARS	SEP NONYH
		ALL WEATHER		0300-0500 mount (LS.Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	2.3	2.4									5.8	6.
NNE	&	1.4							<u> </u>	<u> </u>	l	1.9	3.8
NE	1.5	1.4	• 1									5.1	3.0
ENE	4.9	4.2	•									9.2	3.6
E	7.5	4.6	• 3									12.4	3.
ESE	2.6	1.5	. 4									4.6	3.
SE	2.5	3.7	. 4									6.7	4.
SSE	1.3	3.5	2.5	8								7.9	٤.
5	1.4	3.5	9.4	7.8	6	. 3				Ţ		22.9	9.
SSW	- 4	4	1.1									1.9	6.
SW	. 3	1.0	. 3	-1								1.7	5.
WSW	. 3	5	. 6	1	. 1							1.5	7.
w	. 3	7	1.1	4								2.5	8.
WNW		8	2.5	8								4.7	7.
NW		1.4	2.1	6								4.0	7.
NNW	•3	1.9	1.2	1.0	. 1	.1						4.7	6.
VARBL													
CALM	$\supset \subset$	$>\!\!<$	$>\!\!<$	$\supset <$	><	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	4.4	
	24.6	33.3	24.6	11.8	- 8			-	-			120.0	6.

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATOLOGY BRANCH FEETAC AT SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

142	SURLINGTON I	NTL VT		73-85			SEP
STATION		STATION MAME			TEASS		MONTH
			ALL_NE	EATHER			U630-0800
				ELA96		-	HOURS (L.S.T.)
						_	
			CBI	MOITION			
					······································	-	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	٩٠	3.3	3.2	1.2								ò• b	6.0
NNE	• 4	• 5		• 1								1.4	4 . 6
NE	1.9	2.2	• 1				1					3.3	3.5
ENE	3.3	3.6					ĺ					6.9	3.7
£	6.2	4.2	• 1					1		1	Ī	10.6	3.6
ESE	3.3	2.5	• 1									6.0	3.6
SE	1.2	1.9	•6	. 4			i					4.2	5.3
SSE	•6	2.5	2.2	1.0	. 1							5.4	7.4
\$	1.1	5.3	9.7	11.1	.7	• 3	i					28.2	9.8
SSW	•6	1.0	1.8	.7								4.0	7.3
SW	. 4	. 8	.7					<u> </u>				1.9	5 • 5
WSW	• 3	• 3	• 3	• 1								1.0	6.
w	• 3	• 3	• 8	• 1				1				1.5	7.4
WNW	• 1	• 6	2.2	1.1						<u> </u>		4.0	8.7
NW		1.5	1.5	2.4				<u> </u>	1			5.4	9.5
NNW	. 4	2.4	1.7	. 4	• 1	• 1			ĺ			5.1	7.4
VARBL				<u>-</u>	- 	· •							
CALM	$\supset <$	\times	\times	\times	\mathbb{X}	\times	$\supset \subset$	$\supset <$	$\supset \subset$	$\supset \subset$	> <	1.4	
· <u></u>	20.1	33.2	25.1	18.7	1.0	. 4						100.0	کوه

				304	7 9 7
<	\times	$>\!\!<$	$>\!\!<$	1.4	
_	**************************************				
				100.0	ومو
	TOTAL NUM	IBER OF OBS	ERVATIONS		720
			-		

BUILAL CLIMATOLOGY BRANCH SAFETAC ADD REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14742 ·	BURLINGTON INTL VT STATION NAME		SEP NONTH
		ALL WEATHER	3900-1103 HOVER (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		3.3	4.7	1.5			_					10.4	7.3
NNE	.3	8	. 7									1.8	5.5
NE	. 4	1.2	•1									1.3	4 . 5
ENE		• 6	•1				I					.7	4 . 8
ŧ	. 8	. 8	• 3	• 3								2.2	4 . 6
ESE	5	• 7	. 7	.1								2.1	6.1
SE	. 6	1.1	. 4									2.1	4 •
SSE	.1	1.1	1.9	1.8	1			[5.1	9.
\$. 4	2.9	9.6	21.1	2.6	1	<u> </u>					36.8	11.
\$5W	. 4	1.2	1.9	1.9							_	5.6	8
SW		. 6.	.6	7				l	I			1.9	8.
wsw	. 4	. 9	6	3								2.1	6.
W	- 3	1.1	1.1	1.4								3.9	8.1
WNW		1.2	1.5	1.8								4.7	9.
NW	1.1	1.5	4.3	3.2								10.1	8.
NNW	. 4	1.8	3.6	2.2								8.1	3.4
VARBL													
CALM	$\supset \subset$	>>	><	$\supset <$	$\supset \subset$		$\supset <$	$\supset <$	$\triangleright <$	$\supset \subset$	> <	•6	
	5.9	21.0	32.2	36.4	2.8	. 1						100.0	y .

LL BAL CLIMATOLOGY BRANCH CONFETAC 4 SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - : 42	SUPLINGTON INTL VT	73-60	\$EP
STATION	STATION NAME	TEARS	MONTH
		ALL HEATHER	1200-1400
		CLASS	HOURS (L.S.T.)
		COMBITION	-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 6	2.1	4.2	2.1								8.9	8.3
NNE	• 3	1.1	. 4	• 1				l				1.9	6.1
NE	• 1	• 7										. 8	4.7
ENE	•1	• 4				I	[ĺ]			.6	4.8
E	. 4	1.0	• 8					i				2.2	5.9
ESE	• 3	• 7	• 6	• 3								1.8	7.1
SE	• 3	1.0	• 8	• 1								2.2	6.0
SSE	• 4	• 7	• 8	2.2								4.2	9.6
5	. 4	2.6	6.7	20.8	4.2							34.7	12.1
SSW	• 3	1.2	1.9	1.5								5.0	8.4
sw	• 3	• 8	1.4	• 1	• 1							2.3	7.4
wsw	• 4	1.0	• 7	.6								2.6	6.8
w	. 4	• 6	2.1	1.0								4.0	8.3
WNW	• 4	1.4	2.4	3.2								7.4	9.2
NW	• 3	1.8	5.6	3.3	• 1							11.1	9.3
NNW	• 1	1.4	3.9	3.6					I			9.0	9.3
VARBL													
CALM	><	\times	$\supset \subset$	\nearrow	><	$\supset <$	><	$\supset <$	$\supset <$		><	.7	
	5.1	18.5	32.2	39.0	4.4							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 72¢

AL PAL CLIMATOLOGY BRANCH ASSETTAC A WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 14 2	<u> </u>	INTL VT	73-90	YEARS	SEP MONTH
	•	<u>. </u>	ALL WEATHER		1500-1700 nouse (L.S.T.)
	-	· · · · · · · · · · · · · · · · · · ·	CONDITION		
	-		the state of the s		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 · 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	4	4.3	6.7	1.7								12.3	7.5
NNE	.7	1.5	. 8	•1								3.2	5.4
NE	. 3	1.7	.3									2.2	5.1
ENE	•6	. 7										1.2	4.0
£	- 4	1.4	• 3									2.1	5.1
ESE	.6	1.0	.1	. 4				1		<u> </u>	· · · · · · · · · · · · · · · · · · ·	2.1	6.1
SE	. 7	1.1	. 4	.3								2.5	5.7
SSE	. 8	1.0	2.9	1.7								6.4	8.4
\$.8	4.3	9.9	15.1	1.4	.1		<u> </u>				31.7	10.5
SSW	.6	1.2	1.2	. 4		•1			<u> </u>			3.6	7.4
SW	. 3	1.6	- 4					1				1.7	5.5
WSW	-4	• 7	.6	.8		<u> </u>	<u> </u>					2.8	8.1
w	.1	_ R	1.4	1.1	_				†			3.5	8.4
WNW	-8	1.5	1.8	2.6								6.8	8.9
NW	. 7	1.4	1.8	3.3		 		<u> </u>	 			6.8	9.8
NNW	.4	2.5	4.7	2.9	•1	†			· · · · · ·			1C.7	8.7
VARIL			784	7			<u> </u>		 		-		
CALM	\boxtimes	$\geq \leq$	\geq	> <	>>	>>	$\geq \leq$	\times	\geq	\sim	>>		
	8.2	25.8	33.6	30.6	1.5	.3						100.0	. 6.6

TOTAL NUMBER OF OBSERVATIONS 72.0

JOSAL CLIMATOLOGY BRANCH UNAFETAC ALL DEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

19142	SURLINGTON INTL VT	73-80	SEP
STATION	STATION HAME	YEAM	80414
		ALL WEATHER	1830-2600
		CLASS	HOURS (L.S.Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.8	4.9	2.5	•1						Ť		9.3	5.4
NNE	.6	1.2	- 1							1		1.5	4.1
NE	• 8	1.4	• 1									2.4	3.7
ENE	3.1	2.1]								<u> </u>	5.1	3.4
ŧ	2.8	3.5	•6							 		6.8	4.0
ESE	1.8	2.4	.7	•1								5.3	4.5
SE	1.1	2.9	1.5	•1								5.7	5.5
3\$8	1.0	2.8	2.9	1.4						1		5.1	7.3
\$	1.8	5.1	10.8	7.8	.7						i	76.2	9.1
SSW	. 7	• 8	. 7	• 3								2.5	6.2
SW	• 7	• 6	.6	• 3				1				2.1	5.5
W5W	1.1	• 3	• 3	.4		1		 				2.1	5.7
w	.4	1.9	.8	• 3								3.5	6.2
WNW	.7	2.6	2.1	1.0					1			5.4	7.5
NW	• 3	1.9	2.2	.6	• 3		<u> </u>			<u> </u>		5.3	8 • C
NNW	• 5	3.1	2.1	1.1	•1		— —	<u> </u>	 			6.9	7.4
VARBL							— ——	<u> </u>				 	
CALM	$\geq <$	\times	\geq	\geq	\geq	\times	>>	\times	\geq	\sim	>	•7	
	19.2	37.5	28.1	13.5	1.1							156.5	6.6

TOTAL NUMBER OF OSSERVATIONS

GETTAL CLIMATOLOGY BRANCH TOVERTAD A FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 + 7 4 2	STATION SANE	73-6U YAM	SEP SEP
5747W2	OTATION MARE	ALL NEATHER	2100-230C
		COMDITION	-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	1.9	2.1	3								5.4	6.5
NNE		1.1										1.1	4.8
NE	1.5	2.2						1				3.7	3.9
ENE	3.7	4.3	•7						}			8.7	4 - 1
ŧ	4.6	4.3	. 3									5.9	3.7
ESE	4.4	2.5	• 6					•				7.5	3.7
SE	1.7	2.6	•7									5.C	4.5
SSE	2.2	2.3	2.6	• 1	1							7.9	5.8
\$	2.1	5.6	13.0	6.9	• 1							24.7	8.5
SSW	. 3	1.2	1.7	. 3	• 1							3.6	7.6
sw		- 8	. 4	• 1								1.4	6.7
wsw	7	- 8	•1	. 4								2.1	6.2
w	.6	- 8	1.9	. 7								4.3	7.8
WNW	.3	1.0	. 7	. 8			_					2.3	7.6
NW	.1	1.3	2.4	1.1								5.4	8.2
NNW	.7	1.5	2.4	1.1			ĺ	<u> </u>				5.7	7.6
VAREL													
CALM	$\supset \subset$	> <	\times	> <	> <	> <	$\supset <$	$\supset <$	$\supset <$		>><	1.9	
	23.9	35.1	26.5	12.1	- 4							103-0	

BLOFAL CLIMATOLOGY BRANCH CRAFETAC ALL FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14742 STATION	BURLINGTON INTL VT	73-80		SEP
STATION	STATION NAME		LADS	NOUTH
		ALL WEATHER		ALL
		CIASS		HOURS (L.S.T.)
		CONSTRUCT		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 54	*	MEAN WIND SPEED
N	• 9	3.2	3.5	1.0								3.5	5.9
NNE	. 4	1.1	• 3	• 1						}		1.9	5.1
· NE	1.0	1.5	• 1									2.5	4.0
ENE	2.6	2.5	• 2								I	5.2	3.8
E	3.6	2.9	. 4	•0								6.9	3.5
ESE	2.2	1.8	. 4	• 1								4.6	4.2
SE	1.2	2.2	.6	• 1								4.1	4.9
SSE	• 9	2.0	2.2	1.2	• 1							6.4	7.4
5	1.2	4.3	9.6	12.3	1.4	•2						28.9	13.2
SSW	.4	1.0	1.5	.7	•0	•0						3.6	7.6
sw	• 3	• 7	.6	•2	• 7				1	1		1.8	6.4
wsw	• 5	• 5	• 5	. 4	•0			!				1.9	6.9
w	• 3	1.0	1.4	.7	•0					i		3.4	7.9
WNW	.4	1.4	1.8	1.5								5.1	8.3
NW	• 3	1.5	2.7	1.9	• 1				Ī			6.5	8.7
NNW	.4	2.0	2.5	1.6	• 1	• 3						6.6	6.2
VARBL													
CALM	\times	\times	>>	\times	\times	\times	\times	\times	\times	\ge	> <	1.9	
	16.6	29.5	28.4	21.8	1.6	2						100.0	7.4

DEAL NUMBER OF CHERVATIONS 5763

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14 /42 STATES	BURLINGTON INT	L VI STATION WARE		73-80	YEARS	 OCT BORTH
		· · · · · · · · · · · · · · · · · · ·	ALL WEATH	IER		3388-5263 10088 (C.S.T.)
		· · · · · · · · · · · · · · · · · · ·	COMPITION			
			<u>- x</u>			
-	····	·····				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.8	.2.7	2.6	1.3								7.4	7.1
NNE	.7	• 1	• 1	l								• 9	3,9
NE	. 3	1.1						l			I	1.9	3.6
ENE	4.7	3.6	• 1									8.5	3.5
E	5.2	3.0	. 3									9.4	3.7
ESE	3.0	2.0	•1									5.1	3.6
SE	2.8	1.7	. 4	. 3								5.2	4.1
SSE	1.9	2.4	1.7	1.5	.1							7.7	6.7
\$	1.7	3.5	7.7	8.1	1.7	.3						23.0	9.9
SSW	7	• 9	. 5	. 4								2.6	0.0
SW	-1	. 3	.1	3								3.	2.3
wsw	.5	7	5	. 9								2.7	7.9
w	1	1.1	2.2	2.2								5.5	9.3
WNW		1.7	2.7	1.6								6.2	bal
NW	5	1.2	1.6	1.2	3							4.8	8.3
NNW	- 4	1.3	3.0	1.2	1							تون	8.6
VARBL													
CALM	\boxtimes	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\supset <$	><	$\geq <$	۷.3	
	24.2	28.4	23.7	19-0	2.3	. 3						100.0	A.A

TOTAL NUMBER OF OBSERVATIONS 744

SE FAL CLIMATOLOGY BRANCH 1/FETAC AT LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BURLINGTON INTL VI	73-80	oct
STATION	STATION HAME	YEARS	HONTH
		ALL WEATHER	<u> </u>
		CLASS	HOURS (L.S.T.)
			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	2.2	3.6	1.1								7.9	7.6
NNE	• 5	• 5	• 1									1.2	4 . 3
NE	1.1	1.3	• 3									2.7	4.1
ENE	6.3	2.7	• 1]			6.9	3.3
E	5.5	4.3	• 5									10.3	3.7
ESE	2.8	2.2	. 4	•1								5.5	4.0
SE	1.3	1.1	.7	• 5								3.6	5.4
SSE	1.2	2.5	1.2	.8								5.8	6.2
5	1.9	3.9	8.3	9.5	1.1							24.7	9.3
SSW	• 4	• 4	.7	• 3								1.7	7.0
SW	- 4	• 4	. 4	• 3								1.5	6.5
wsw	• 4	. 4	• 3	.9								2.0	8.3
w	•1	• 8	2.3	1.1	.1							4.4	9.1
WNW	•1	1.3	3.0	1.2					1			5.6	8.4
NW	• 1	• 5	3.5	.8								5.0	8.4
NNW	.4	1.1	1.5	2.6	• 3				<u> </u>			5.3	9.3
VARBL	1	7				1							
CALM		$\supset <$	$\supset <$	$\supset <$		$\supset \subset$	$\supset \subset$	$\supset \subset$	$\supset <$	><	> <	3.2	
	23.5	25.7	26.9	19.2	1.5							173.0	6.9

		0 0 7
TOTAL NUMBER OF OBSERVATIO	NS	744

LE FAL CLIMATOLOGY BRANCH TO STAC 41 NEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	SURLINGTON INTL VT	73-89 YEARS	OCT MONTH
	ALL	WEATHER CLASS	3630-0303 House (C.E.T.)
		CORDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
Z	• 5	2.8	4.4	1.1			i					2.9	7.6
NNE	- 4	• 7	. 8	• 1								2.5	5.5
NE	• 9	1.1										2.0	3.5
ENE	4.2	3.1										7.3	3.6
E	5.1	5.4	• 1									11.6	3.6
ESE	2.6	1.5	. 9	. 1								5.1	4.5
SŁ	9	1.3	• 3	• 3								2.8	4.9
SSE	1.3	• 7	1.6	•7								4.3	6.8
S	2.0	5.0	7.1	10.1	1.3	-1						25.7	9.2
SSW	. 4	. 4	• 9		-1							1.9	7.3
sw	ε,	. 4	. 4	. 7								2.0	8.3
wsw	. 3	. 5	. 4	. 9								2.2	6.8
w	-1	. 4	2.7	2.3								5.5	10.4
WNW	. 3	1.2	2.8	1.7								6.1	5.9
NW		4	1.7	1.6								3.9	9.7
WHW	.1	1.3	2.0	1.9	. 3							5.7	9.4
VARBL													
CALM	$\supset <$	\times	$\supset \subset$	><	><	$\supset \subset$	><	$\supset <$	><	><	>>	3.1	
	20.7	26.2	26.5	21.5	1.7	_ 1						193.3	7.2

TOTAL NUMBER OF OBSERVATIONS	743
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NAL CELMATOLOGY ERANCH FLIAC CATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SUFE.	INGTON	INTL VT 73-83											OCT BONTH		
	-				ALL ZE	ATHEP		<u> </u>				1939-1135 HOVES (E.S.T.)			
	CONDITION														
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED		
N	• c	1.6	4.6	2.8	• 1							y.9	8.7		
NNE	• ₹	• 7	• 3	• 1								1.3	5.6		
NE	• 5	្ ប						<u> </u>				1.5	4.4		
ENE	• 5	1.6										2.4	4.1		
E	• 7	1.9	• 3									2.5	4.7		
ESE	• 7	1.1	• 9	. 4					<u> </u>	<u> </u>		3 • 1	6.3		
SE	. 4	1.3	• 5	.7					<u> </u>			ل د د	7.0		
SSE	• 7	1.3	1.7	. 9								4.7	7.7		
<u> </u>	1.1	5.1	7.8	16.9	3.1							3 - • ii	11.2		
SSW		1.1	2.4	1.2				ļ				4.7	3.3		
sw	• 4	• 5	• 5	.9					<u> </u>			2.4	9.1		
WSW	• 5	• 3	• 9	1.1	• 1	l <u></u>	L					3.0	8.9		
w	-4	• 5	1.7	3.1	• 1							5.9	10.1		
WNW	• 1	• 5	1.9	2.7	• 1		ļ					5.4	10.8		
NW	• 5	• 3	3.5	1.9				ļ				5.7	6.6		
NNW	•!	1.1	4.3	2.7	•1			ļ	ļ			5.3	90.		
VARBL									-						
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\sim	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$. 8			
	3.1	20.4	31.5	35.5	3.8							150.0	902		

USAFETAC

ELPAL CLIMATOLOGY REANCH S LIME FATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	<u> </u>	INGTON	INTL V		OCT									
		_		 		ALL WE	ATHER						1200 HOURS	-140J (CBT)
		_	CONDITION											
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N		2.3	5 · C	2.3		-						10.1	ć.4
ļ	NNE	. 3	, ti	. 4	• 1						1		1.7	6.)
	NE	. 3	• 7										• 9	4 . 3
	ENE	, i4	ۍ د							L			. 9	4.1
à	E	. 3	. 7	. 8	• 3	• 1							2.2	7.8
	ESE	.1	7	• 3	.7								1.7	8.3
	SE	• 1	. 4	• 7	. 8								2.0	9.8
	SSE	7	1.2	1.1	1.1								3.€	8.2
	\$. 5	3.1	8.9	17.3	1.9	.1						31.9	11.3
	SSW	.1	2.0	1.7	1.6	1							5.2	8.0
	sw		. 7	1.3	.7								2.8	2.1
	WSW		1.5	1.1	1.2								3.9	6.4
	w		1.1	2.2	4.0	.5						ļ	7.8	10.8
	WNW		1.2	3.1	3.2	- 4					<u> </u>		7.9	16.5
	NW	نما	1.2	3.4	2.2								7.0	9.2
	NNW	. 5	1.9	3.6	2.7	. 1							6.9	8.7
	VARBL										i			
	CALM	$\geq \leq$	\ge	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq <$	\searrow	• 4	
														

TE FAL CLIMATOLOGY BRANCH THETAC 4 HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14.42	BURLINGTON INTL VT		73-80		oct
STATION	STATION NAME			TEARS	BORTH
		ALL	WEATHER		1500-1701
			CLASS		HOVES (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N	. e	4.3	5.4	1.6								11.5	7.5
NNE	• 3	1.1	1.2	_ • 3								2.5	7.0
NE	• 3	1.2	• 3									1.7	4.4
ENE	.7	• 1										• 8	3.5
£	• 3	• 9	. 4	• 3								1.9	6.4
ESE	• 5	• 8	.7	• 8]						2.3	7.4
SE	• 3	• 8	1.2	• 3							İ	2.5	7.1
SSE	• 4	1.6	1.2	.7		I						3.9	7.4
5	1.5	4.4	11.7	10.1	.7	• 1						22.5	9.7
SSW	. 4	1.3	1.6	. 4								3.3	6.€
sw	. 7	1.2	. 7	• 5					L			2.7	7.4
WSW	1	.7	1.1	. 9		l						2.7	9.7
*	. 4	1.2	3.2	2.2								7.3	9.°
WNW		1.1	2.8	3.6	. 4							3.2	16.1
NW	•1	2.7	3.9	3.1								9.3	ن و
NNW	• 4	3.0	4.2	1.3								€.9	7.9
VARBL													
CALM	\searrow	$>\!\!<$	><	><	><	\times	><	$\geq \leq$	$\supset <$	$\triangleright <$	><	• 1	
	6.9	26.2	39.5	26.1	1.1	• 1						136.3	8.5

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC $\frac{\text{FORM}}{\text{AR. 64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L TAE CLIMATOLOGY BRANCH TOTATAC 4 EATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	NETUR	STATIO	NAME.			- CC-TH								
		ALL WEATHER											-268	
	COMBITION													
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥ 56	%	MEAN WIND SPEED	
N	. 4	4.3	2.2	1.2	. 1							2.7	7.	
NNE	. 1	1.3	. 4									1.9	5.0	
NE	1.1	1.0	. 3									2	4.	
ENE	1.3	1.7										3.1	3.	
E .	2.5	2,4	9 5	.3								ل و ن	4 .	
ESE	1.5	. 2	. 7	. 5	- 1							6.0	5 . 8	
SE	1.1	2.3	• 5	3								4 . 4	5.1	
SSE	1.5	3.5	3.1	. 4								8.6	٤٠	
5	1.7	4.3	9.1	5.6		- 7				<u> </u>		21.6	8.0	
SSW	3	- 5	- 5	7								2.3	7.5	
SW	ع و	<u>. 3</u>	. 7	9.								3.1	7.	
WSW	3	1	. 7	3								1.3	7.1	
w		. 9	2.7	1.3						<u> </u>		5.9	تون	
WNW	7	2.1	3.5	1.7								7.9	7.5	
NW	. خه	1.9	1.6	2.2								6.2	8 . 4	
NNW		1.7	2.8	2.2	3					<u> </u>		7.0	9.	
VARBL										<u> </u>				
CALM												2.6		

TOTAL NUMBER OF OBSERVATIONS 744

L HAL CLIMATOLOGY RRANCH FIETAC L FATHER SERVICE/MAC

CALM

SUPLINGTON INTL VT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-80

	_					+230∂ • (C#4)							
	<u>-</u>												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	1.7	3.1	1.2	• 1							7.8	7.4
NNE	1.3	• 7				i						2.3	3.6
NE	1.3	• 9	• 1									2.4	3.7
ENE	4.2	3.6										7.8	3.€
E	2.7	3.4	. 4	• 3				<u> </u>				6.7	4.4
ESE	3.1	3.5	• 3	• 3								7.3	4.4
SE	1.1	2.6	1.1	• 1	• 3							5.1	6.1
SSE	1.1	2.2	2.2	.7		• 1						5.2	7.^
5	3.€	5.4	8.1	6.3	• 9	_ • 3		[23.9	8.3
SSW	■ 5	.7	. 4	. 4								2.0	5.6
sw	. L	• 7	• 5	. 3								1.9	6.6
wsw	• 3	• 5	1.3	. 8				Ĺ				3.0	8.7
w	. 4	• 3	2.0	1.2								3.9	8.9
WNW	• 3	2.0	2.6	1.7	. 1							5.7	8.4
NW	. 5	. 5	2.0	1.7	. 3							5.4	9.3

TOTAL NUMBER OF OBSERVATIONS 744

TELEGAL CLIMATOLOGY BRANCH
TETAC
AT REATHER SERVICEZMAC PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATIO						,	PEA BS				HOUTH			
												_				
	_				ALL WE	ATHER		-				ALL NOVAS (L.S.T.)				
	_				con	DITION										
	_															
					_								_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6	*	MEAN WIND SPEED			
N	3.	2.2	3.€	1.6	.1							9.1	7.7			
NNE	. 5	. 9	4	1								1.7	5.4			
NE	3.	1.1	.1									7.1	4.1			
ENE	2.8	2.1	•0							}		5.0	3.5			
E	.2.9	2.9	. 4	• 1								5.4	4.2			
ESE	1.8	1.9	• 5	.4	. 3							4.6	5.1			
SE	1.0	1.4	• 7	.4	.0							3.6	5.8			
SSE	1.1	1.7	1.7	. 8	. 0	.0						5.6	6.5			
\$	1.7	4 . 3	5.6	10.5	1.4	•2						26.7	10.0			
55W	- 4	1.3	1.1	.6	2							3.1	7.5			
SW	4	. 6	. 6	.6								2.2	7.7			
W\$W	. 3	.6	. 8.	. 9								2.0	8.6			
w	. 3	2	2.4	2.2	1			I				5.7	غوو			
WNW	2	1.4	2.8	2.2	.1							3.0	9.2			
NW	7	1.2	2.7	1.8	-1							5.1	8.9			
NNW	7	1.5	2.9	2.1	. 2							7au	8.3			
VARBL																
CALM		\searrow	\mathbb{X}	\times	\times	\times	$>\!\!<$	> <	> <	> <	> <	1.9				

TOTAL NUMBER OF OBSERVATIONS 5951

A LAE CLIMATOLOGY BRANCH FOLTAC A - LEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

U 42	PREINGTON INTE VT	73-80		NGV
STATION	STATION NAME		YEARS	#0=T#
		ALL PEATHER		<u> </u>
		CLANO		HOURS (L.S.T.)
			·	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N	6	3.5	2.4	1.7	• 1							٥.3	7.7
NNE	. 7	• 3	. 4	• 3								1.2	6.8
NE	1.4	1.7	• 1									3.2	3 • S
ENE	2.2	5.0	• 3									7.5	4.1
E	2.4	3.7	.6							İ		6.7	4.1
ESE	1.0	1.5	• 6	• 1								3.2	4.9
SE	1.2	1.7	• 6	•1								2.9	5.2
SSE	1.4	1.4	2.1	1.9								6.€	7.7
5	2.1	4.4	7.4	10.4	1.4	. 4						26.1	9.9
SSW	• 6	1.0	1.1	• 3					Ī			2.9	5.5
sw	.4		. 8									1.2	6.4
wsw	• 1	•4	.7	. 8	• 1							2.2	9.4
w		1.1	2.2	2.9								5.2	10.2
WNW		• 6	1.9	2.5	• 1							5.1	10.6
NW	• 1	1.7	2.5	3.7	• 6				Ī			ರ.6	15.0
HNW	• 1	1.5	1.9	1.8	• 3						_	5.7	9.5
VARBL													
CALM	\times	\mathbb{X}	\times	><	\mathbb{X}	\times	\times	><	><	><	>>	1.9	
	13.9	28.9	25.6	26.7	2.6	. 4						123.3	7.9

TOTAL NUMBER OF OBSERVATIONS 723

LE TAL CLIMATOLOGY BRANCH TIFETAC HISTORIAN SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ETATION	GLINGTON INTL VI		NOV		
		ALL WEATHER	<u> 0330-0500</u> word (cat.)		
		COMPITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥#	*	MEAN WIND SPEED
N	1.3	2.4	2.8	1.5								7.6	7.3
NNE	• 1	1.3	• 1						L			1.2	5.3
NE	. 6	2.2	•1									2.9	4 . 3
ENE	2.9	2.4	. 4						I			5.7	4 . €
E	2.1	3.2	• 3]				5.6	3.7
ESE	1.9	2.6	. 4									4.9	4.1
SE	.1.0	1.9	• 7	. 3								3.9	5.6
SSE	3	1.7	3.1	1.7	• 1							7.4	3.3
\$	1.5	3.7	7.8	10.4	2.2	. 3						26.3	10.3
SSW	1	. 3	.6									1.0	6.6
SW	1	3.	. 7	.1								1.0	6.7
wsw	- 1	• 3	1.2	- 6	.1	•1					1	2.5	10.3
w	1	.1	3.1	2.1	.1							5.6	10.3
WNW	.1	- 5	2.8	2.2								5.7	10.3
NW	- 3	1.2	2.9	4.2								5.6	16.2
NNW	- 4	1.4	3.7	2.2	- 3							d • 1	8.9
VARBL								<u> </u>					
CALM	\times	\times	$\supset <$	> <	> <	\mathbb{X}	\boxtimes	> <	><	><	$\supset <$	1.7	
	13.2	25.8	30.7	25.3	2.9							130.0	8.1

TOTAL NUMBER OF	OBSERVATIONS	7	2:0

LE SAL CLIMATOLOGY BRANCH UNFFETAC AND WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 342	CORLINGTON INTL VT	73-80		NGV		
STATION .	STATION NAME		YEARS	8444		
		ALL WEATHER		<u> </u>		
,		CLASS		HOURS (L.S.T.)		
		CANDIZION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•6	3.1	2.4	1.1								7.1	7.0
NNE	. 7	• 6	. 4									1.7	5 • 2
NE	1.2	2.5	• 1									3.9	4.3
ENE	2.9	4.0									Ī	6.9	3.€
E	1.5	2.4	.4									4.5	4.1
ESE	1.5	2.6	1.0	• 3							İ	> 4	5.3
SE		1.8	•8	•1								٥.3	5.6
SSE	1.0	1.5	1.9	1.1								6	7.5
5	1.5	4.3	8.2	11.8	1.5	• 7						?7.8	16.0
SSW		1.2	.7	• 4		i		T				2.4	7.1
SW	• 1	•6	• 3	•1		<u> </u>						1.1	6.3
wsw	•1	• 1	.4	• 7								1.4	9.3
w	•1	• 3	1.0	3.9	• 3				1			€.5	11.3
WNW		• \$	2.2	2.9								D.0	9,9
NW	. 7	1.4	1.7	3.5	. 4				1	<u> </u>		7.2	13.4
NNW	• "4	1.5	2.6	3.2	•1	<u> </u>						7.9	9.5
VARBL			1										
CALM	\searrow	> <	> <	\times	>>	\sim	\times	\boxtimes	\times	\geq		1.2	
	12.9	28.5	25.1	29.2	2.4	,7						103.3	5.2

TOTAL	NUMBER	Of	OBSERVATIONS		720

DECHAL CLIMATOLOGY BRANCH
DETLITAC

AT FATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

57A7189	MLINGTON	INTL VT STATION NAME		73-89		YEARS BORE				
	-		ALL WE	ATHER	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			<u> </u>)-1100 H (LEV.)
	-		coi	IDITION			_			
	-						_			
-				· · · · · · · · · · · · · · · · · · ·		,		,	,	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 8	3.1	3.2	1.2								0.3	7.2
NNE	. 3	1.2	•1	.1								1.8	5.7
NE	.1	1.0	. 3									1.4	5.3
ENE	4	2.5	• 1									3.1	4.9
E	. 6	1.4	. 3									2.2	4.3
ESE	. 7	1.1	. 8	. 4								3.1	6.4
SE	ه د	. 4	. 8	• 7								2.5	7.6
352	1.1	1.0	2.5	. 7						<u> </u>		5.3	7.2
\$. 6	3.6	11.2	16.7	3.1	.7				<u> </u>		35.8	11.4
SSW	. 4	7	1.2	. 6								2.9	7.4
sw	. 3	. 3	. 6	.3						<u> </u>		1.9	7.2
wsw		- 1	1.2	1.2		Ĺ						2.6	10.3
. w	- 4	. 4	1.2	2.1	. 4							4.0	13.4
WNW		4	2.6	3.5								6.8	10.6
NW	. 7	1.0	2.5	4.0	. 9			<u> </u>				8.2	10.6
NNW	-1	1.1	3.9	2.6	. 3	1		<u> </u>				8.2	9.7
VARSL								L					
CALM	\searrow	$\geq \!$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.2	
	6.8	19.9	32.9	34.2	4.3	- 8						בהבמנ	9.4

TOTAL	NUMBER	Of	OBSERVATIONS	720

GLIBAL CLIMATOLOGY BRANCH USAFETAC Alm Neather Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14:42	JURLINGTON INTL VT	73-80		NOV					
STATION	STATION NAME		YEARS						
		ALL WEATHER		1230-1400					
			MOVAS (L.S.Y.)						
		CONDITION							

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	2.9	5.6	2.2								11.5	7.9
NNE	. 4	• 3	. 4									1.1	5.1
NE		• 5	• 1									. 7	5.6
ENE	. ٤	• 8	Ĭ									1.4	4.1
ŧ	• 1	• 1		• 3								.6	7.5
ESE	. 4	• 3	.6	.7								1.7	5.2
SE	•1	• 3	• 7	1.0								2.1	10.1
SSE	• 6	• 8	1.0	1.8	• 1	• 1						4.4	9.4
\$	• 6	4.9	8.7	14.3	2.5	• 3	• 1					31.4	11.2
SSW	. 4	1.1	1.1	1.4								4.3	8.1
sw	• 1	1.4	1.0	3.								3.3	8.€
WSW	• 5	- 8	2.2	1.4				Ĭ				5.0	8.6
w	• 1	. 4	3.1	4.6								5.2	10.3
WNW	.4	1.0	1.2	3.2	• 1			I				0.0	10.0
NW_	• 3	1.7	3.3	3.3	. 6							9.2	10.3
NNW	• 1	1.9	4.0	2.4	. 4							8.9	9.3
VARBL													
CALM	><	$\geq <$	$\geq <$	><	><	><	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 8	
	5.3	17.2	33.1	37.4	3.7	. 4	1					100.0	9.5

	\leq				
1				163.0	9.5
	TOTAL NUM	ABER OF OBS	ERVATIONS		720

JE JAAL GLIMATCLOGY BRANCH TO TETAC AT STEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	E SLINGTON INTL VI	73-80	YEARS	NC V
		ALL WEATHER		1530-1700 MOURS (L.S.Y.)
		COMPANIE		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	c	3.7	4.3	1.9								12.8	7.5
NNE		2.1	- 8	.1								3.1	6.2
NE	.1	1.5	. 6									2.2	5.6
ENE	.6	. 4										1.0	3.7
E	• 5	. 6	.6	.3								1.9	6.2
ESE	.1	1.4	• 1	•1								1.6	5.1
SE	. 4	. 7	2.1	.7								3.9	7.5
SSE	.7	1.5	1.8	1.5	. 4							0.0	5.9
\$.7	5.1	8.1	10.1	1.9	•1						26.0	10.2
SSW	- 3	1.2	1.5	. 7								3.7	7.5
sw	. 1	1.0	-6	.7								2.4	8.3
wsw		1.0	1.8	. 8								3.6	8.3
w	.4	. 3	3.1	2.5								2 ون	9.5
WNW	4	- 9	3.7	3.6	. 3							3.9	9.8
NW	-3	1.7	2.5	3.5	• 7							3.6	1û.1
NNW	.6.	2.5	2.9	2.5	. 3							9.0	5 8
VARBL													
CALM	\times	$\geq \leq$	$\geq <$	\times	\times	\times	\times	\geq	\geq	\times	> <	• ೮	
	6.1	25.8	34.4	29.2	3.5	- 1						150.0	ئىمۇ

TOTAL NUMBE	R OF	OBSERVATIONS	72.

SE. AL CLIMATOLOGY BRANCH SCETAC SCENETHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - (4.2)	SUPLINGTON INTE VT	73-80		
STA Y1000	STATION NAME		YEARS	MONTH
		ALL WEATHER		<u> 1800-2001</u>
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.0	3.7	3.6	1.8							_	11	7.3
NNE	• 3	• i2.	• 1	•1								1.4	5.7
NE	• 4	2.5	.6						I			3.5	5.1
ENE	1.4	2.9	• 1									4.4	4.4
.£	1.2	2.2	• 3									3.7	4.0
ESE	1.0	2.1	1.2									4.3	5.1
SE	• 8	1.9	1.4	•6								4.7	6.3
SSE	• 7	2.8	1.4	1.2	• 1							6.2	7.3
S	1.1	4.6	7.5	9.4	• 7					i		23.3	9.0
SSW	• 3	1.4	.6	• 1					1			2.4	5.7
SW	•1	1.7	• 8	.6								2.5	7.6
wsw	• 3	• 3	1.2	.7				i				2.5	8.9
w	• 6	.7	2.2	1.8								5.3	9.1
WNW	• 4	• 3	2.6	4.2	• 1	• 3						7.9	10.č
NW	• 6	1.1	2.6	3.1	.6	•1						d • 1	10.5
NNW	• 1	2.8	3.1	1.2	. 3							7.5	8.0
YARSL										i			
CALM		$\supset <$	$\supset <$	><	> <	$\supset <$	> <	><	$\supset <$	\searrow	> <	2 • 1	
	17.3	31.1	29.4	24.9	1.3	. 4						153.0	7.5

TOTAL NUMBER OF OBSERVATIONS 728

CLOSAL CLIMATOLOGY BRANCH CLICETAC AC LEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. 4.7	باشت	INCION	INTL V	T HAME			<u> 73-</u>	<u>8 u</u>	,	PLARS			- 	ONTH
	,					ALL JE	ATHER							-2355 (USA)
		-				COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 · 55	≥56	%	MEAN WIND SPEED
	N	1.5	2.4	3.6	1.8							-	£ . 7	7.5
	NNE	6	- 8	. 4									1.8	4.0
	NE	3	2.5										3.3	4.1
	ENE	2.4	3.2	• 3									5.8	4.0
	E	2.1	3.2	.6									5.8	4.3
	ESE	2.2	2.1	• 6	• 3								5.1	4.5
	SE	1.5	1.1	. 7	.6								.g. €	6.0
	SSE	1.6	2.5	3.3	.6								7.4	7.1
	\$		4.0	8.1	9.3	1.2							23.5	16.2
	SSW		. 4	. 6	. 8								2.1	a. 5
	SW		ц	7 .	- 4								1.5	2.5
	wsw		2	1.2	1								2.2	7
	W	1	. 6	2.8	2.5	3	. 1						2.4	10.2
	WNW	1	6	2.1	1.8	1							4.7	9.9
	NW	3	1.2	2.5	4.3	6							€.9	15.8
	NNW	. 7	1.4	2.5	2.4	-1							6.7	9.5
	VARSL					I								
	CALM			$\overline{}$									2.1	

TOTAL NUMBER OF OBSERVATIONS

77

E THE CLIMATOLOGY PRANCH TO FETAC TO FATHER SERVICERMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

l , - , 2	PLINGTON INTL VE	73- 80	Nov
STATION	STATION NAME	Y	EARS NORTH
		ALL WEATHER	ALL
		CLASE	HOURS (L S.T.)
		CONSTRION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• A	3 • 1	3.5	1.7	• 0							y.1	7.5
NNE	• 3	• 7	. 4	• 1								1.7	5.6
NE	. 6	1.8	• 2									2.€	4.5
ENE	1.7	2.7	• 2		_							4.5	4.1
E	1.4	2.1	• 4	• 1								3.3	4.7
ESE	1.1	1.7	• 7	• 2								3.7	5.2
SE	• 13	1 • 1	1. 7	• 5				<u> </u>		1		3.4	6.5
SSE	• 9	1.0	2.1	1.3	• 1	٠. ت						u . 1	7.7
5	1.1	4.3	8.4	11.6	1.8	• 3	• 7					27.5	10.5
SSW	• 3	• 4	• 9	• 5								2.7	7.3
SW	• 2	. 7	• 7	. 4								2.0	7.5
wsw	• ?	• 5	1.3	. 8	ĵ.	• D						2.8	9.0
w	• 2	• 5	2.4	2.8	• 1	£.						5.1	10.3
WNW	• ?	• t	2.4	3.C	• 1	•						0.4	10.2
NW	• 3	1.4	2.€	3.7	• 5	5						15.4	10.3
NNW	• 3	1.9	3.1	2.3	• 3	0						1.7	9.1
VARBL										1			
CALM	\searrow	> <	\times	\times	\times	\times	\times	> <	\sim	$\supset \subset$	><	1.5	
	10.2	25.3	30.1	28.9	3.0	. *	• C					133.8	5 . 5

TOTAL NUMBER	OF	OBSERVATIONS	5760
			 7 0 2

NE TAE CLIMATOLOGY BRANCH FILTAC 47 FEATHER SERVICE/MAC

BURLINGTON INTL YT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED 1 · 3 4 · 6 7 · 10 11 · 16 17 · 21 22 · 27 28 · 33 34 · 40 41 · 47 48 · 55 256 % N			STATION MAME						TEARS						
SPEED (KNTS) 1 · 3		_													
SPEED (KNTS) 1 · 3		_				con	IDITION								
(RNTS) 1-3		_							·-···						
N	(KNTS)	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	,	
NNE	DIR.													1	
NNE	N	٧	2.7	4.4	2.7				<u> </u>		ļ		144.7	1	
ENE 2.3 6.5 .7	NNE	4	1.2	7	. 3										
E	NE	. 7	2.2	. 1						L			دون ا	<u> </u>	
ESE 1.3 1.6 .8 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	ENE	2.3	6.5	.7	·			İ	Ì			<u> </u>	9.4	<u> </u>	
SE	E	1.3	4.6	1.1									7.0	Γ	
SE	ESE	1.3	1.6	. 8	. 3								4.0		
SSE	SE		1.5	• 3	• 3	I							2.6	П	
\$ 0.5 2.8 12.1 16.8 1.5 4 20.5 \$\$\$ \$\$\$\$\$.3 .3 .7 .3 .1 1.6 \$	SSE		1.5	2.3			Ī						4 د ن	Г	
SSW 3 3 4 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$	c	2.8		10.8	1.5	- 4		1						
WSW	SSW	3				• 1							II		
WSW	5W	- 3	• 1	- 8									1.2	Г	
WNW	WSW	. 3			. 3								17		
WNW	w		. 3	1.9	1.3	- 3							3.8		
NW 11 03 107 105 07 405 NNW 04 109 206 206 04 03 201 201 201 201 201 201 201 201 201 201	WNW		. 5										5.7		
NNW 4 1 2 2 6 2 6 4 3 5 1 5 2	NW	. 1	- 8			- 7					1		1		
CALM .9	NNW	- 4	1.9	2.6	2.6	- 4					İ			Г	
	VARBL					1				1				\vdash	
	CALM	> <	\searrow	\sim	\sim	\sim	\sim	> <	\sim	$\overline{}$	$\overline{}$		• 9		
							<u> </u>		`				1	t	

TOTAL NUMBER OF OBSERVATIONS

DELMAL GLIMATCLOGY BRANCH TAMESTAC ALL SCATHEM SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

142	SUPLINGTON INTL VT	73-80	pec_
STATION	STATION NAME	YEARS	EGNTH
		ALL WEATHER	U300-0505 nous (L6.7.)
		CLASS	HOVES (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 3	2.6	4.9	2.3	. 1						İ	10.1	8.6
NNE	• 1	• 3	• 5	. 3								1.2	6.0
NE	•4	2.4	.7									3.5	5,2
ENE	1.9	5.5	. 9									0.3	4.5
E	2.2	3.6	. 4									6.2	4.1
ESE	1.6	2.3	1.3	• 1						1		5.4	5.4
SE	• 7	• 9	1.2	• 3								3.1	6.7
SSE	• 3	2.J	1.5	1.3								5.2	7.9
\$	• 9	3.9	8.1	11.2	1.6	• 1						25.3	10.7
SSW	• 1	1.3	. 8	• 3								2.6	7.0
SW		• 8	• 3		}							1.1	6.1
wsw		• 1	• 1	. 4	• 3							• 0	12.7
w	• 3	. 4	2.0	1.9	• 3				Ì			4.6	10.2
WNW	• 1	1.1	2.2	2.8	, 1							6.3	9.5
NW	• 1	1.3	2.2	2.7	. 9							7.3	11.1
NNW	• 3	1.3	2.2	2.6	• 1							6.5	9.4
VARBL										i			
CALM	$\supset <$	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	$\supset <$	$\supset <$		$\supset <$		$\supset <$	1.7	
	0.3	30.0	29.3	26.1	3.5	1						100.0	5.3

*			
TOTAL NUMBER	OF OBSERVATION	45	744

TELPAR CETMATOLOGY BRANCH FRITAG AT CATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_	•		<u> </u>	ALL ME	ATHES						<u>_637</u>	- () & (8 (L8.7.
	_				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	ME/ WID SPE
N	- 3	2.2	5.0	2.2	3							9.8	ε
NNE	. 3	. 7	1.3	.1				-	1	1		2.7	6
NE	•1	1.5	• 9									2.7	5
ENE	1.7	7.1	.7									9.5	4
£	1.7	4.4	1.3									7.5	
ESE	1.3	2.3	. 6									4.4	4
SE	4	2.7	• 7	.1								3.9	
SSE	. 7	2.	1.3	1.5					ĺ			5.5	
S	• 7	3.3	7.9	9.6	1.5							23.4	1.
SSW		-	1.2	. 4								2.4	
SW		1.1	. 4	. 1								1.6	
W\$W		- 4	4									8	
w		. 8	. 9	2.3	. 3							4.3	l li
WNW	3	. 4	2.2	3.4	. 4							6.6	1
NW	.4	9	1.2	4.4	1.1	• 1						6.2	
NNW	.1	• 7	2.0	1.9								4.7	9
VARBL													
CALM		\sim	\sim		\rightarrow	\searrow	\sim	\rightarrow				1.7	

TOTAL NUMBER OF OBSERVATIONS 74.3

TELL AL CLIMATOLOGY BRANCH INTELLAC ALL REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-742	SCRLINGTON INTL VT	73-80		
STATION	STATION NAME		YEARS	RONTE
		ALL WEATHER		_90 3=11 01
		CLASS.		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 4	1.9	4.7	2 • C	• 1							4.1	8.6
NNE	. 5	1.1	1.1	1.1								3.3	7.5
NE	• 4	1.7	1.6									3.8	5.8
ENE	1.5	2.8	. 7									5.1	4.4
E	1.6	2.8	.7								•	5.1	4.5
ESE	1.2	1.5	3.	• 3								3.3	5.2
SE	• 1	• 7	• 8	• 3								1.7	7.2
\$SE	.9	• 7	1.3	. 6	• 3						1	4.3	8.2
5	• 7	3.2	9.1	14.9	3.0	• 3						31.2	11.4
SSW	•1	, 7	1.2	• 3					1			2.3	7.6
SW	. 4	1.2	• 3							1		1.9	4.9
WSW		-	1.1	. 4	• 3				1			1.7	10.7
w	• 1	. 4	1.6	2.6								4.7	10.8
WNW		• 1	2.4	3.0	. 4				•			5.9	11.3
NW	•5	• 7	2.7	2.8	. 4			<u> </u>				7.4	10.1
NNW	.4	. 8	2.2	3.1	1.1	•1			<u> </u>			7.7	11.2
VARBL										1			
CALM	\searrow	> <	> <	$\supset \subset$	\times	>>	\times	> <	$\supset <$	\geq	$\supset <$	• 7	
	9.1	20∙€	32.3	31.5	5.5	. 4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 7 to to

DELTAL CLIMATOLOGY BRANCH DESTAC AD LEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 .42	= PLINGTON INTL VT	73-80		DEC
STATURE	STATION NAME		YEARS	toon TH
		ALL SEATHER		1200-140
		CLASS		HOURE (L.S.Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7	2.7	8.3	3.4	1	.1						15.3	ع مای
NNE		1.1	1.1									2.3	7.
NE	5	1.1	. 4									2.0	5.
ENE	1.1	. 7	. 1									1.7	3.
E	1.2	ρ	. 7									2.9	ز ع
ESE	.0	. 7	. 9	-1								2.7	> 4
SE	. 4		. 9	. 4								1.9	7.1
SSE	01	- 5	. 9	1.1								3.3	
<u> </u>	. 5	1.9	13.3	16.8	2.8	3						32.5	11.8
\$\$V/	.4	1.1	1.5	. 4	1							3.5	7.5
5'W		. 5	. 7	. 4								2.2	6.
WSW			. 8	1.1								2.2	10.5
w	2		1.3	3.0	. 3			<u></u>				5.0	11.5
WNW		1	1.6	3.4	- 5							5.8	12.3
NW	7	1.5	2.7	2.6	3				L			7.7	9.
NNW		1.3	3.8	1.9	9							3.1	16.3
VARSL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	>>	1.1	
	7-8	14.7	36.2	34.7	5.1	. 4						133.0	9.

TOTAL	NUMBER O	F OBSERVATIONS	744	

L HAL CLIMATOLOGY ERANCH FIRETAC AT EATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1: 4.	SCALINGTON INTL VT	73+80		D E C
STATION	STATION NAME		TEAM	MONTH
		ALL WEATHER		1500-1700
		CLASS		HOVES (L.S.T.)
		COMPLTION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	• 9	3.5	5.0	3.6								13.2	0.4
NNE	• 3	• 7	2.3	• 5	• 1							3.9	5.1
NE	• 1	1.9	• 7						I			2.7	5.5
ENE	• 5	1.7	• 7									3.0	5.□
E	• 0	• 7	• 5							1		2.2	4.6
ESE	-4	1.7	2.0									4.2	5.2
SE	• 9	1.5	1.2	• 3								3.0	6.1
SSE	• 1	• 9	1.9	1.3							1	4.3	3.7
5	• 5	3.2	10.9	10.2	1.5	.4						26.7	10.5
SSW	. ?	1.1	• 5	•1								2.0	5.9
SW		• 3	• 5	•1			<u> </u>			i		.9	7.6
wsw		• 3	.4	1.7						† 		2.4	10.9
w	•5	• 3	1.1	2.0	• 1				1	<u> </u>		4.0	10.2
WNW		1.7	2.3	3.2	1.2	•1						5.6	11.2
NW	.4	2.3	1.5	3.5	• 9							8.3	10.7
NNW	. 3	1.9	2.2	3.9								d•2	9.4
VARBL													
CALM		\supset	> <	$\supset <$	$\supset <$	\times	> <	$\supset <$	\supset	$\supset <$	>	1.5	
	6.3	23.5	33.6	30.6	3.9	2.	ĺ					124.0	9

	TOTAL NUM	ABER OF OBS			744	
				104.0	9.0	
$\langle \ \rangle$	\times	\times	\times	1.5		

MELITAL CLIMATOLOGY BRANCH MARCHAC ATT REATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION INTL VI	73-80	YEARS	DEC
	A	CLASS CLASS		1803-2000 10040 (LE.T.)
	 	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	1.1	3.9	3.6	3.4	. 3							12.2	deZ
NNE	.1	1.5	• 7	3								2.7	0.3
NE	- 5	1.2	1.2									3.0	5.7
ENE	1.1	3.2	1.2						Ī			5.5	5.0
E	1.2	2.6	. 8	• 1								4.7	5.1
ESE	1.3	2.7	1.7						I			5.8	5.1
SE	. 5	2.2	• 7	•1								3.5	5.5
SSE	4	1.7	2.7	1.9	• 3	.1						7.1	9.2
\$. 9	3.1	9.9	9.3	1.1	. 3					Ī	24.6	10.2
SSW	• 1	• 2	5	. 3							I	1.9	7.1
SW		. 4	. 3									. 7	ت ما
WSW	•1	. 4	- 3	. 8	•1							2.3	10.1
	3	. 3	1.5	2.0	.3					I		4.3	10.4
WNW	.1	1.3	2.6	2.7	1.5	1						3.3	11.5
NW	. 3	1.6	1.6	2.7	.5	1				i		6.9	10.7
MNW	. 4	1.7	1.9	1.6	.1							5.9	8.5
VARBL		_											
CALM	\times	>>	><	><	$\supset \subset$	> <	$\supset <$	$\supset <$	$\supset <$			• 8	
	5.6	28.9	31.7	25.1	4.2	7						124.0	äst

TOTAL NUMBER OF	OBSERVATIONS	74	L

L PAL CLIMATOLOGY BRANCH

A - GEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14342	SURLINGTON INTE VT	73-80		080
STATION	STATION NAME		YEARS	MONTE
		ALL MEATHER		2108-2300
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• 4	4.2	3.0	2.7								10.2	7.9
NNE	• 1	1.7	1.1	• 1								ڏهڏ	6.3
NE	• 9	2.7	• 4									4.3	4.5
ENE	2.0	5.0	• 3									7.3	4.4
ŧ	1.6	3.2	. 4	• 1								5.4	4.7
ESE	2.0	1.3	• 9									4.3	4.5
SE	• 5	1.2	• 9	. 7								3.4	7.0
SSE	• 3	1.5	2.8	. 4	• 1							5.1	7.3
<u> </u>	• 8	4.7	9.5	10.6	1.7	. 4						?7.8	10.6
55W	• 1	. 4	1.1									1.6	6.8
5W	• 3	• 1	. 4	• 3								1.1	7.8
WSW	• 1	• 1	. 7	• 3	• 1							1.3	9.8
w	. 4	• 8	.7	1.1	. 3							3.2	9.4
WNW	• 3	1.3	2.3	3.2	. 4	• 3						7.8	10.6
NW	• 1	• 5	1.7	3.4	• 7							6.7	11.0
NNW	• 3	2.2	1.3	2.2	. 4	• 1						6.5	9.4
VARBL													
CALM	\times	\times	\times	\times	\times	$\geq \leq$	\times	$\geq \leq$	\times	\geq	$\geq \leq$	1 • 2	
	16.3	31.3	27.6	25.0	3.8	. 8						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

LL BAL CLIMATOLOGY BRANCH FUTETAC AT LEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	3 - 3L	LHGTON	INIL	I NAME	 		3-80		YEARS			DE C
		-			 ALL	CLASS CLASS	ŧ			 -		A L L 88 (L.S.T.)
		-			 	COMBITION				 -		
1				1	1	1	i	1	1	I	Ħ	1

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 6	3.0	4.9	2.8	•1	2.						11.4	5 مد
NNE	2	1.1	1.1	. 4	<u> </u>							2.8	7.5
NE	5	1.8	. 8									3.1	5.2
ENE	1.5	4.1	. 7			<u> </u>					I	6.3	4.6
E	1.5	2.8	• 7	1						I		5.1	4 . 2
ESE	1.3	1.6	1.2	. 1								4.3	5.2
SE	5	1.3	8	3								3.0	6.3
SSE	4	1.4	1.9	1.2	.1	<u> </u>						5.0	8.2
\$	2	3.3	9.5	11.7	1.8	.3	2					27.4	10.9
SSW	. 2	. 3	. 9	. 3	G							2.2	7.2
SW	2		. 5	.1								1.3	6.4
WSW		• 2	6	.6	-1							1.7	10.0
*	-2	. 4	1.4	2 a C	- 2							4.3	16.6
WNW	1	a d	2.2	3.1	. 7	- 1			Ī			7.0	11.2
NW	. 3	1.2	1.9	2.9	.7	a۵						7.2	10.7
MMW	. 3	1.5	2.3	2.5	. 4	•1						6.9	9.3
VARBL													
CALM	$\geq \leq$	$>\!\!<$	\geq	$\supset \subset$	\mathbb{X}	> <	$\geq \leq$	\times	$\geq <$	\geq	><	1.2	
	H . 7	26.2	31.2	28.0	4.2	•5	0					100.0	6.7

TOTAL NUMBER OF	CASPEVATIONS	
IOING HUMBER OF	COSCRIATIONS	5951

TE BAL CLIMATOLOGY BRANCH USAFETAC AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-142	SUBLINGTON INTL VT	73-81	ALL
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS CLASS	HOURS (L.S.T.)
	***************************************	CORNICION	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 9	2.9	3.9	1.9	• 1	•0						9.6	7.8
NNE	- 4	1.0	• 6	• 1	• €							2 • 1	5.8
NE	• B	1.4	• 3	•0								2.5	4.4
ENE	2.2	2.7	• 2	0.								5.1	3.9
E	2.7	2.7	. 4	•1	• 3							5.8	4.1
ESE	1.8	1.7	.7	•2	• 0	1 •						4.4	4.9
SE	1.1	1.5	.8	. 4	• 5	•0					·	3.7	5.9
SSE	.8	1.6	1.9	1.1	• 1	• 0						2.5	7.5
\$	1.5	4.3	9.1	13.1	1.3	•2	• 0					26.5	13.3
SSW	• 3	1.1	1.2	• 5	•0	•0						3.1	7.3
sw	• 3	• 9	. 7	. 3	•0							2.1	6.9
WSW	• 3	.7	.9	• 5	•0	.0						2.4	7.8
w	• 3	• 3	1.7	1.6	•1	•0			† — — —			4.5	9.1
WNW	• 3	1.2	1.9	1.8	• 2	9.	•0					5.5	9.3
NW	.4	1.6	2.6	2.5	• 3	• 0	•0	1	T			7.4	9.4
NNW	.4	1.8	3.0	2.3	• 2	•0						7.8	8.9
VARBL						-						1	
CALM		$\supset <$		$\supset \subset$	$\supset \subset$	$>\!\!<$	>>	$\supset <$	$\supset \subset$	$\supset <$	>>	1.9	
	14.5	27.8	27.8	23.5	2.3	• 3	• D					100.3	7.8

	TOTAL NUM	ABER OF OBS			70116
_				100.3	7.8
~	\times	\times	\times	1.9	
				l į]

. 1.9AL CLIMATOLOGY ERANCH CASSTAG - FEATHSH SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	CRLINGTON INTL VI 73-81 YEARS	A L L
	INSTRUMENT CLASO	ALL HOURS (L.S.T.)
	CIG 200 TO 1400 FT W/ VSBY 1/2 MI OF MORE,	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
×	1.3	5.3	9.0	4.2	•2							19.3	6.2
NNE	• 5	1.2	9	. 3								۽ ۽	4
NE	• 5	1.1	. 2									1.9	4.4
ENE	1.1	1.7	• 2									2 و د	4.2
E	1.3	1.8	. 4	. 0								3.5	4.3
ESE	1.1	1.3	1.1	• 2								ا غود	5.5
SE	. 5	1.1	. A	. 3								2.3	0.1
SSE	. 7	1.2	1.7	. 6	• 0	.1					I	4.2	7.4
S	. ?	3.6	5.8	4.8	• 7	.1						15.9	9.2
SSW		1.1	. 8	. 3								2.7	5.9
sw	2	• 5	• 5	•1								1.6	6.2
WSW	• 2	. 7	. 3	•1	• 0							1.4	6.3
	. 3	អូ	. 5	. 4								6.1	7.1
WNW	. 4	1.1	1.2	. 3	- 1	• 0						3.7	3.5
NW	- 5	2.2	4.5	2.7	• 3							10.9	8.6
NNW	9	3.8	8.3	5.6	. 6							19.1	9.2
VARBL													
CALM	\times	\ge	> <	\times	\times	\times	\times	> <	\geq	><	><	1.9	
	11.1	29.5	35.0	20.3	1.3	-2						100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 5.705

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

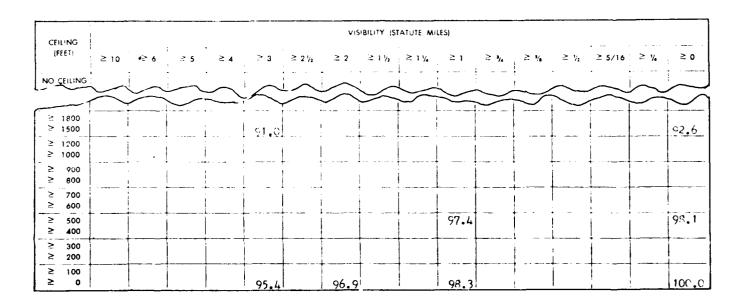
Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, 10- METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

 Ceiling ≥ 500 feet = 98.1%.
- EXAMPLE # ? Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table: Visibility ≥ 3 miles = 95.4%. Visibility ≥ 2 miles = 96.9%. Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet

and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

KAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

ince these tabulations are prepared in several ways including by month, by 3-hour groups it is possible by determine diurnal variations of ceiling and visibility limits as well as probabilities of various beling-visibility combinations.

L. AL CLIMATOLOGY BRANCH FRACATA SERVICEZMAC

CEILING VERSUS VISIBILITY

1 42 SPLINGTON INTL AT

74-61

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-330-5261

1F. NO							v:5	8." \$"	ATUTE MIL	ES.			-			
rffE"v	≥ 0	≥6	≥ 5	≥ 4	≥ 3	≥://	≥ ;	≥ ″	≥11/4	≥ '	≥ ¼	≥ %	≥ ⊬	≥ 5/16	2 4	≥č
NO 18UNG ≥ 20000		? • 2]								28.9		-	28.9	28.9	
	2 - • 9		31.7	32.0				32.3			32.3	$\overline{}$		-		72.3
≥ 18000 ≥ 5000	25.6		31.9 31.9	32 • 1 32 • 1	32 • 1 32 • 1	32.1 32.1	32 • 1 32 • 1	72.4 32.4		32.4	32.4	32.4 32.4	32 • 4 32 • 4	32.4	32.4 32.4	
≥ 14000	25.7		32.4	32.7	32.7	32.7	32.7	32.9			32.9		32.9	32.9	32.9	
≥ 2000	27.8	33.3	33.5		33.7		33.7	-			34.0		34.3		34.0	
5 8000 5 8000	29.6	35.5	35.6	35.9	35.9	35.9	35.9 36.3	36.2		36.2	36.2	36.2		36.2	36.2	36.2
> 800C	31.0						37.5		37.8		37.8			37.6	37.3	
≥ 7000	32.5	39.7			40.1		40.1	40.5					40.5	1		
≥ 5000	34.	42.3			43.1	43.1	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 5000	37.4							48.7	48.7	46.7	48.7	48.7	48.7			48.7
≥ 4500	39.9	51.1	51.7	52.4	53.0	53.0	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 400C	42.	55.9	56.7	57.7			58.2		58.7	58.7	53.7	58.7	58.7	58.7	59.7	58.7
≥ 3500	46.1	62.1	63.	64.7	65.2	65.2	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.7
≥ 3000	49.5	69.6	71.5	73.5	74.3	74.6	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	1.1	73.3	75.7	78.4	79.4	79.7	79.7	80.4	80.4	80.5	80.5	90.5	80.5	80.5	83.5	80.5
≥ 2000	52.2	75.8	79.2	82.5	84.3	84.7	84.7	35.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ '800	52.3	76.2	79.6	83.3	85.1	95.5	85.5	86.4	86.4	86.8	86.8	86.9	86.8	86.5	86.8	66.3
≥ 1500	52.7	78.1	81.9	86.3	88.7	89.2	89.4	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	52.7	78.4	82.3	87.0	89.5	90.2	90.6	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ .000	52.7	78.6	82.8	87.5	90 • 1	90.7	91.1	92.1	92.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	52.7	78.6	82.9	87.6	90.3	91.0	91.4	92.6	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	52.7	78.6	82.9	87.9	90.9	91.7	92.1	93.4	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	52.7	78.6	83.1	38.0	91.0	91.8	92.3	94.0	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	52.7	78.8	83.2	88.2	91.1	91.9	92.5	94.1				94.9				95.2
≥ 500	52.7	79.3	83.9	89.0	91.9	92.7	93.4					97.0				
≥ 400	52.7	79.3	83.9			93.0						97.4				97.7
≥ 300	52.7	79.4				93.1	1					98.3				
≥ 200	52.7	79.4	84.7	89.1	92.3			96.6							98.9	
> 100	7.2 • 1	79.4	84.	89.1					1	98.7					99.6	
≥ 0	52.7	79.4	84.0	89.1	92.3	93.1	94.1	96.8	96.8	98.7	98.8	98.8	99.5	99.5	ի սուս	100.0

SULFAL CLIMATOLOGY BRANCH STREETAC 4 SEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 42 BURLINGTON INTL VT

PERCENTAGE FREQUENCY OF OCCURRENCE

U300-0501. HOURS (L.S.T.)

(FROM HOURLY OBSERVATIONS)

NO TEUNT: 2 ≥ 20000 2 ≥ 18000 2 ≥ 18000 2 ≥ 14000 2 ≥ 12000 2 ≥ 12000 2 ≥ 12000 2 ≥ 12000 3 ≥ 8000 2 ≥ 7000 3 ≥ 8000 3 ≥ 5000 3 ≥ 4500 3 ≥ 4500 3	23.1 25.6 25.6 25.6 25.1 26.6 20.0	27.1 29.9 29.9 30.0 30.6	≥5 27.5 30.3 30.3 30.4	≥4 27.6 30.4 30.4	≥3 27.6 37.4	≥2% 2 7.6	≥; 2 7.6	≥ ";	≥′%	≥,	≥ 4	≥%	≥ ∨	≥5/16	2.4	≥c
≥ 20000 2 ≥ 18500 7 ≥ 18500 2 ≥ 14600 2 ≥ 14600 2 ≥ 19000 2 ≥ 19000 2 ≥ 19000 3 ≥ 8500 3 ≥ 4500 3 ≥ 4500 3 ≥ 3500 4	25.6 25.6 25.6 25.1 26.6	29.9 29.9 30.0 30.6	30.3 30.3	30.4		27.6	77 (- 4	1	1		1	I	
≥ 18000 2 ≥ 18000 2 ≥ 14000 2 ≥ 19000 2 ≥ 19000 2 ≥ 9000 2 ≥ 8000 2 ≥ 7000 3 ≥ 6000 3 ≥ 4500 3 ≥ 4500 3 ≥ 3500 4	25.6 25.6 25.1 26.6	29.9 30.0 30.6	30.3		30.4		2/00	27.6	27.6	27.6	27.6	27.5	27.6	27.6	27.6	27.5
≥ 46000 2 ≥ 14600 2 ≥ 19000 2 ≥ 19000 2 ≥ 19000 2 ≥ 8000 2 ≥ 8000 3 ≥ 6000 3 ≥ 4500 3 ≥ 4500 3 ≥ 3500 4	25.6 25.1 26.6	30.0 30.6		70.4		30.4	30.4	3L.4	30.4	33.4	30.4	30.4	30.4	33.4	33.4	30.4
≥ '4600 2 ≥ '2000 2 ≥ '2000 2 ≥ '9000 2 ≥ 8000 2 ≥ 7000 3 ≥ 6000 3 ≥ 4500 3 ≥ 4500 3 ≥ 4500 4	25.1 26.6	30.6	30.4	JU • 4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	33.4	35.4	36.4
2 1990C 2 2 1990C 2 2 1990C 2 2 800C 2 2 790C 3 3 600C 3 2 500C 3 2 450C 3 4 400C 3	26.6		1	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30 - 5	30.6	30.6	30.5	30.5
≥ '9900' 2 ≥ 8000 2 ≥ 8000 3 ≥ 6000 3 ≥ 5000 3 ≥ 4500 3 ≥ 4500 3 ≥ 4500 4		71 4	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 9000 2 ≥ 8000 2 ≥ 7000 3 ≥ 6000 3 ≥ 5000 3 ≥ 4500 3 ≥ 4500 3 ≥ 3500 4	20.0	31.6	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.7	32.2
≥ 8000 2 ≥ 7000 3 ≥ 6000 3 ≥ 5000 3 ≥ 4500 3 ≥ 4500 3 ≥ 3500 4		33.8	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34+3
≥ 7000 3 ≥ 6000 3 ≥ 5000 3 ≥ 4500 3 ≥ 4500 3 ≥ 3500 4	28.1	33.5	34.2	34.3	34.3	34.3	34.3	34.3	<u>34.3</u>	34.3	34.3	34.3	34.3	34.3	34.3	34.3
2 6000 3 2 5000 3 2 4500 3 2 4000 3 2 3500 4	29.4	35.8	36.2	36.3	36.3	76.3	36.3	36.3	36 . 3	36.3	36.3	36.3	36.3	36.3	36.3	30.3
≥ 5000 3 ≥ 4500 3 ± 4000 3 ≥ 3500 4	31.4	38.5	39.1	39.2	39.2	39.2	39.2	39.2	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 4500 ± 4000 3 ≥ 3500 4	32.1	40.5	41.5	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.0	41.9	41.7	41.9	41.9	41.9
± 4000 3 ± 3500 4	35.	45.4	46.7	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 3500 4	37.4	49.8	51.3	51.7	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
I - : I	30.1	52.8	54.5	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
> 3000c	42.9	58.5	60.3	61.9	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
	46.4	68.Q	70.8	73.1	74 • Q	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
2 250v 4	43.7	72.1	75.8	78.3	79.4	79.8	80.2	80.2	60.2	80.2	30.2	80.2	60.2	80.2	30.2	°C . 2
₹ 2000 📗 🛶	40.4	73.6	77.5	81.0	82.2	82.6	83.1	83.3	83.3	83.7	63.8	83.3	63.8	83.3	83.8	33.8
≥ 800 4	49.	73.6	77.7	81.2	82.6	83.1	83.6	83.8	83.8	84.3	84.4	84.4	84.4	84.4	54.4	64.4
≥ 1500 4	40.5	75.1	79.7	83.4	85.7	86.3	97.2	87.5	87.5	87.9	88.0	88.0	86.0	86.0	88.0	58.0
≥ 1200 4	47.5	75.5	8 . 1	84.9	86.8	87.5	88.8	89.1	99.1	89.5	89.6	89.6	89.6	89.5	89.6	89.6
≥ .000 4	49.5	75.5	8 - 2	84.7	86.9	88.0	89.5	89.8	89.8	95.4	90.7	90.7	90.7	90.7	90.7	96.7
≥ 90¢ 4	49.5	75.6	80.3	84.8	87.5	88.6	90.0	90.4	90.4	91.1	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800 4,	49.5	75.9	80.4	85.1	A7.8	88.8	90.6	91.1	91.1	91.8	92.3	92.3	92.5	92.5	92.5	92.5
≥ 700 4	49.5	76.2	87.9	85.6	88.3	89.4	91.1	92.2	92.2	93.1	93.7	93.7	93.8	93.5	93.8	93.8
≥ 600 4	49.5	76.2	83.9	85.6	88.3	89.4	91.1	92.3	92.3	93.9	94.5	94.5	94.6	94.6	94.6	94.6
≥ 500 4	40.5	76.3	81.0	85.1	88.6	89.6	91.8	93.1	93.1	95.6	96.2	96.2	96.4	96.4	96.4	96.4
	49.5	76.4	81.4	86.1	89.1	90.2	92.3	93.7	93.7	96.1	96.8	96.8	96.9	96.9	96.9	96.9
≥ 300 4	49.5	76.4	81.4	86.1	89.1	93.4	92.7	94.5	94.5	97.0	97.8	97.8	98.4	98.4	98.4	98.4
≥ 200 u ₄	49.5	76.4	81.4	86.1	89.1	93.4			94.5	97.3	98.1	98.1	98.8	98.8	98.9	98.9
> 100 4		76.4	81.4	86.1	89.1	90.4	92.7	94.6	94.6	98.0	98.8	98. A	99.5	99.5	99.7	99.7
2 0 4	49.5															

TOTAL NUMBER OF OBSERVATIONS ____

743

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH LEATHER SERVICEZHAC

CEILING VERSUS VISIBILITY

YEARS

1 42 S RLINGTON INTL VT

74-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

u600-0800 HOURS (L.S.Y.)

CECNO.	_						vi\$:	B . TV ST	ATUTE MIL	ES						
(FEE's	≥ °C	≥ 6	≥5	≥ 4	≥ 3	≥ 3.%	≥ 2	. % · ≤	≥1%	≥¹	≥ %	≥%	≥ 4:	≥ 5/16	≥ 4	≱c
NO CEUNG	25.3	26.9	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
≥ 20000	28.9	33.8	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 18000	20.9	30.8	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 16000	29.0	39	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ '400C	29.3	31.2	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 2000	35.5	32.5	37.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
2000: ≤	32.7	35.1	35.5	35.8	35.8	35.8	35.8	35.8	35 · 8	35.3	35.8	35.8	35.8	35.8	35.8	35.3
≥ 900C	33.3	35.8	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36 • 4	36.4	36.4	36.4
≥ 800C	34.4	37.8	38.2	35.6	33.6			38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.0
≥ 7000	37.6	42.2	42.7	43.3	43.4	43.4	43.4	43.4			43.4	43.4	43.4	43.4	43.4	43.4
≥ 6000	38.4	43.4	44.2	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 5000	41.d	47.4	48.4	49.2	49.5			49.5	49.5	49.5	49.5			49.5	49.5	49.5
≥ 4500	43.0	51.3	52.7	53.5	53.8			53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
± 4000	45.4	55.1	57.1	57.9	58.2	58.5	58.6	58.6			58.7	58.7	58.7	58.7	58.7	53.7
≥ 35 0 0	49.3	61.2	63.4	64.7	65.3	65.7	65.9	66 . D	66.D	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3000	3.6	68.8	71.8	73.5	74.3	75.0	75.4	75.5		75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2500	56.2	73.8	77.2	79.0	79.8	83.5	81.0	81.2	91.2	81.5	61.5	1.5	81.5	81.5	81.5	81.5
≥ 200 0	56.6	75.0	78.5		82.7		84.1	84.3	84.3		84.7	84.7	84.7	84.7	84.7	84.7
≥ 800	56.6	75.1	78.8	81.9	82.9	83.6	84.4	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.7
≥ 1500	56.6	75.7	79.8		85.2			87.6	87.6	88.3	88.3	38.3	88.3	98.3	68.3	68.3
≥ 120C	56.6	75.7	80.d	84.1	86.3			89.5			90.5			90.5	90.5	90.5
≥ .000	56.6	76.1	80.5	84.8	87.0	88.6		91.1		92.2	92.3	92.3	92.3	92.3		92.3
≥ 900	56.6	76.1	87.5		87.0	88.6		91.3			92.5					02.5
≥ 800	56.6	76.1	80.6		87.2			91.8			93.7		93.7	93.7	93.7	93.7
≥ 700	56.6	76.1	80.6		87.4	89.1		92.1	92.1	93.8	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	56.6	76.3	80.9		87.6		1			95.D	95.6			95.6	95.6	95.6
≥ 500	56.6	76.3	81.3	85.6	89.0	89.8		93.3	93.3	95.6	96.4					
≥ 400	55.6	76.3	81.3	85.8	88.2						97.2			97.2		
≥ 300	56.6	76.3	81.3	85.8	88.4	90.2	93.0	94.2		L	98.0					
≥ 200	56.6	76.3	81.3	85.9	88.6		93.3				98.9		99.3			
> 100	56.6		81.3	85.9	88.6		93.4			98.0	99.2		99.6			
≥ 100	56.6	76.3	81.3	85.9	88.6	90.3	93.4	94.9			99.5		100.0			-
	20.4	, 0 • 3	94.53	03.07	30.0	70.3		7707	7707	7000	77.5	77.03		2000	2000	

TOTAL NUMBER OF OBSERVATIONS

GLIFAL CLIMATOLOGY BRANCH OF AFETAC ATT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-142

SURLINGTON INTL VT

74-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

J930-1100

CELNO							v:S	BLTY ST	ATUTE MIL	ES						
156.1	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥3%	2.7	≥ ; %	≥1%	≥,	2 %	≥ %	≥ v	≥ 5/16	2 4	≥ 0
NO CEUNG	29.	30.1	30.9	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	_ 35 • 1	36.6	37.5	38.2	39.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	39.2	38.2	39.7	33.2
20081 ≤	35.1	36.6	37.5	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	36.2	38.2	39.2	38.2
≥ 16000	35.5	37.0	37.9	38.6	38.6					36.6				38.6	39.6	
≥ '4000	35.43	37.6	38.6	39.2	39.2	39.2	39.2	39.2				39.2			39.2	39.2
≥ 2000	37.4	39.1		40.7	40.7	43.7					40.7		40.7	-		40.7
≥ 10000	39.1	41.0	1	42.6	42.6										42.6	42.6
≥ 9000	39.9	41.9	42.9	43.5	43.5		-			43.5		43.5	43.5		43.5	43.5
≥ 800C	42.7	45.0	46.0	46.6	46.6							46.6			46.6	46.6
≥ 7000	45.3	48.4	49.5		50.3				50.4		50.4	50.4			57.4	
≥ 6000	46.4	49.7	50.9	51.5			51.7					51.9			51.9	51.9
≥ 5000	47.9	51.5	52.6	53.2	53 .5	53.6	53.6			53.8			53.8		53.8	
≥ 450C	49.	54.6	55.6	56.3	56.6	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
2 400C	51.7	57.8	59.4	63.3	60.6	61.3	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3500	75.6	63.2	65.1	66.4	66.9	67.5	67.9		68.0	1 -1	68.1	68.1	1		68.1	68.1
≥ 3000	59.4	70.2	72.2	73.9		76.1	76.6	76.9	76.9	77.3		77.3	77.3			
≥ 2500	61.8	73.5	75.7	77.4	79.3	81	81.0	81.5	81.5	81.9	81.9	81.9	81.9	81.9	21.9	51.9
200 0	62.9	75.0	77.7	79.6	82.0	22.9	84.1	84.7	84.7	85.2			85.3	85.3	85.3	85.3
≥ '800	62	75.4	78.1	80.0	82.4	83.5	84.7	85.2	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	63.1	75.8	78.5	90.8	83.5	84.7	86.2	87.4							88.2	
≥ 1200	€3.1	76.2	79.0	81.3	84.1	85.3	37.1	- 1	88.4		89.8				93.2	90.3
≥ ,000	03.3	76.1	79.6		84.8	86.2	88.0			91.4					92.1	
≥ 900	53.	76.9	79.7	82.1	85.1	86.4	88.4			1	92.2				92.7	92.9
\$ 800	53.4	77.0	79.8	92.1	85.2				90.3							
≥ 700	J 3 • 4	77.0	80.1	82.7	85.8				91.1	93.3	93.4				94.2	
≥ 600	53.6	77.2	8.7.2	82.8	86.0	87.5	89.8		91.7	94.0					94.9	
≥ 500	53.€		,	82.9	86.2			91.9	91.9	94.6		7 1			96.0	
≥ 400	63.6	77.2	80.2	82.9	86.3	87.8			92.2							
≥ 300	63.5	77.2	1	83.1	86.4	88.0	90.7	92.7	92.7	95.4					98.9	
≥ 200	a3.6	77.2	80.4	33.1	86.4	88.0	90.7	92.7	92.7	95.4	96.9				99.5	
> 100	3.6	77.2	80.2	83.1	86.4	88.0	90.7	92.7	92.7		97.0		99.1			ט • סני ז
2 0	:3.6	77.2	87.4	83.1	86.4	88.0	90.7	92.7	92.7	95.4	97.0	97.2	99.1	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS ___

74

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TLUMAL CLIMATOLOGY BRANCH CHAPETAC ATHUR SERVICE/MAC

CEILING VERSUS VISIBILITY

1 42

BARLINGTON INTL VT

74-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 JO-1400

CEILNO							٧١S	(B LITY ST	ATUTE MIL	ES						
1986.1	≥.0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	.×.≤	≥1%	≥1	≥ ¼	≥ %	≥ ٧.	≥ 5/16	2.4	≥ċ
NO CEUNG	373.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.
≥ 20000	38.7	39.8	39.9	40 - 1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	43.1
≥ +8000	33.7	39.8	39.9	40.1	40.1		40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	43.1	40.1
≥ 5000	38.7	39.8		43.1	40.1		40.1	40.1	40.1	40.1	40.1	4C.1	40.1	40.1	40.1	40.1
≥ '4000	39.2	43.5	43.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	→£ -7	40.7	40.7	40.7	40.7	40.7
≥ 2000	41.1	42.6	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.7	42.9	42.9
≥ .300¢.	43.3	45,4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	4: . 8	45.8	45.8	45.8	45 • c
≥ 9000	44.2	46.6				47.0	47.0						47.0	47.3	47.0	47.0
≥ 9000	46.2	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7900	49.0	51.9	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 6000	48.5	52.4	52.8	53.Q	53.1	53.1	53.1	53.2	53.2	53.2	53.2	\$3.2	53.2	53.2	53.2	53.2
≥ 5000	51.4	55.6	56.2	56.1	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4500	53.4	58.2	58.9	59.0	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4000	56.9	62.0	63.0	63.2	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 3500	¢1.3	67.3	69.4	69.5	69.4	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.C
≥ 3000	54.7	71.9	73.1	73.5	74.5	74.7	75.0	75.5	75.5	75.9	75.9	75.7	75.9	75.9	75.9	75.9
≥ 2500	€6.5	75.3	76.3	77.3	78.5	78.9	79.4	80.0	80.C	80.4	80.4	80.4	80.4	80.4	50·4	80.4
≥ 2000	67.6	77.7	78.9	80.0	81.3	82.0	83.1	84.0	84.0	84.4	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	69.0	75.1	79.3	80.5	82.0	82.7	83.7	84.7	84.7	85.1	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	68.3	78.8	80.0	81.7	83.2	84.0	85.6	86.6	86.6	87.6	88.C	88.0	88.0	68.0	88.0	88.0
≥ 200	68.3	79.2	87.4	82.1	83.6	34.4	86.3	87.2	87.2	88.3	88.8	88.8	89.3	89.0	89.0	89.0
≥ ,000	७ ४∙ व	79.4	83.9	82.7	84.1	84.9	87.4	88.7	88.7	91.5	92.6	92.6	92.7	92.7	92.7	92.7
≥ 900	64.7	79.6	81.2	82.9	84.5	85.3	87.8	89.1	89.1	92.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 800	63.7	79.6	81.2	82.9	84.5	85.3	87.9	89.4	89.4	92.5	93.5	93.5	94.0	94.0	94.0	94.0
≥ 700	69.7	79.7	81.5	83.3	84.9	85.8	88.3	89.9	89.9	93.0	94.1	94.1	94.5	94.5	94.5	94.5
≥ 600	68.7	79.8	81.4	83.5	85.1	85.9	88.4	90.1	90.1	93.4	94.6	94.6	95.0	95.0	95.0	95.0
≥ 500	68.	79.8	81.6	83.5	85.1	85.9	88.4	90.5	90.5	94.4	95.7	95.7	96.4	96.4	96.4	96.4
≥ 400	68.7	79.8	81.6	83.6	85.2	86.3	88.8	90.9	90.9	95.0	96.5	96.5	97.7	97.7	97.7	97.7
≥ 300	69.	79.8	81.6	83.6	85.5	86.8	89.4	91.7	91.7	96.0	97.7	97.7	99.1	99.1	99.3	99.3
≥ 200	68.7	79.8	81.6	83.6	85.5	86.8	89.4	91.7	91.7	96.0	97.8	97.8	99.3	99.3	99.7	99.7
> 100	68.7	79.8	81.6	83.6	85.5	86.8	89.4	91.7	91.7	96.0	97.8	97.8	99.5	99.5	99.9	130.0
≥ 0	68.7	79.8	81.6	83.6	85.5	86.8	89.4	91.7	91.7	96.0	97.8	97.8	99.5	99.5	99.9	ר.מרג
										·						 -

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OFSOLETE

1

BLISAL CLIMATOLOGY BRANCH BRAFETAC AI: WEATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

10,42

BURLINGTON INTE VT

74-61

JA 🦠

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1707 Hours (L.C.T.)

CELING							v15	BLTY ST	ATUTE MIL	E 5						
(FEE*)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥3%	≥ 2	≥ %	≥1%	≥1	≥ %	≥ %	≥ ٧:	≥ 5/16	≥ 4	≥¢
NO CEILING	29.3	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 20000	37.4	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	36.5
≥ 18000	37.4	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	36.6
≥ 6000	37.4	38.4	39.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6			38.6	38.6	38.6
≥ 14000	37.8	38.8	39.9	38.9	39.0	39.0	39.0	39.0	39.0		- 1	39.0	39.0	39.0	39.0	
≥ .5000	33.6	40.6	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
20000: ≤	41.4	43.2	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 9000	41.9	43.9	44.1	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 8000	44.1	46.7	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 1000	45.8	49.1	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.3	49.8	49.8	49.8	49.8
≥ 6000	47.1	50.7	51.4	51.4	51.9	51.7	51.7	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 5000	50.7	55.5	56.1	56.1	56.3	56.4	56.4	56 • 8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 4500	54.1	59.5	67.3	60.3	60.4	60.6	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	01.1	61.1
≥ 4000	57.5	63.8	64.6	64.9	65.1	65.3	65.4	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3500	61.8	69.9	70.7	71.1	71.6	71.7	72.1	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3000	64.2	73.9	74.8	75.6	76.6	76.9	77.7	78.2	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	55.9	76.3	77.4	78.5	79.4	79.7	81.0	81.6	81.6	82.2	82.2	82.2	82.2	82.2	82.2	52.2
≥ 2000	67.0	78.1	79.9	81.0	82.6	82.9	84.7	85.7	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	67.1	79.4	81.0	82.6	84.5	84.8	85.7	87.8	87.8	88.8	88.8	88.8	88.8	88.8	88.8	38.8
≥ 1500	68.0	80.3	82.0	83.6	85.5	86.0	88.Q	89.1	89.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	68.2	80.9	82.5	34.1	86.0	86.5	88.7	89.8	89.8	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ ,000	69.4	80.9	82.5	84.1	86.1	86.7	89.1	90.2	90.2	92.9	93.1	93.1	93.4	93.4	93.4	93.4
≥ 900	68.2	80.9	82.5	84.1	86.1	86.7	89.1	90.2	90.2	92.9	93.1	93.1	93.4	93.4	93.4	93.4
≥ 800	69.4	81.0	82.6	84.3	86.3	86.8	89.2	90.3	90.3					93.7		
≥ 700	68.4	81.2	82.8	84.4	86.4	86.9	89.4	90.4	90.4	93.1	-				93.8	93.8
≥ 600	68.4	81.2	82.8	84 - 4	86.4	86.9	89.4	90.4	90.4	93.1	93.5	93.5	94.1	94.1	94.1	94.1
≥ 500	68.4	81.2	82.8	34 - 4	86.4	86.9	89.6	91.5	91.5	94.6	95.4	95.4	96.5	96.5	96.5	96.5
≥ 400	68.4	81.4	82.8	84.4	86.4	86.9	89.9	91.9	91.9	95.2	96.2	96.2	98.4	98.4	98.4	98.4
≥ 300	68.4	81.2	82.8	84.4	86.4	86.9	89.9	92.1	92.1	95.4	97.2	97.2	99.7	99.7	99.9	99.9
≥ 200	68.4	81.4	82.8	84.4	86.4	86.9	89.9	92.1	92.1	95.6	97.3	97.3	99.9	99.9	100.0	100.0
> 100	68.4	81.2	82.8	84.4	86.4	86.9	89.9	92.1	92.1	95.6	97.3	97.3	99.9	99.9	100.0	100.0
≥ 0	50.4	81.2	82.8	84.4	86.4	86.9	89.9	92.1	92.1	95.6	97.3	97.3	99.9	99.9	1 .0.0	100. 0

TOTAL NUMBER OF OBSERVATIONS _______74 T

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SECTAE CLIMATOLOGY BRANCH _fiftac A; == Eather Service/Mac

CEILING VERSUS VISIBILITY

1+/42

SURLINGTON INTL VT

STATION NAME

74-81

JAN

1900-2000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBLEY STATUTE MILES CEILNO IFEED >24 ≥.% ≥ % ≥ % ≥ 5/16 > c NO CEILING 31.6 33.3 33.5 33.3 33.3 33.3 33.3 33.3 33.3 > 20000 37.8 37.8 37.8 37.8 37.8 37.8 37.8 37.8 35.2 ≥ 18000 37.8 37.8 37.8 ≥ '6000 37.8 37.8 35.2 37.8 36.0 > 14000 38.6 38.6 ≥ 12000 37.2 40.2 40.2 40.2 20000: ≥ 38.7 42.5 42.5 42.5 42.5 42.5 42.5 38.7 41.5 ≥ 8000 45.4 45.4 ≥ 7000 42.3 47.6 47.6 47.7 <u>48.01 48.01</u> 2 6000 49.7 49.9 44 . 49.6 54.8 55.1 54.4 54.6 ≥ 4500 2 4000 50.4 58.9 59.3 59.5 59.5 59.5 59.5 58.6 63.2 63.6 62.6 ≥ 3500 ≥ 3000 57.5 68.8 69.9 75.9 74.7 ٤٥.٩ 79.6 82.4 2500 52 ad 77.4 80.1 63.7 80.5 82.8 :800 1500 80.9 83.3 81.3 1200 53.9 84.Q .000 53.8 84.0 81.3 63.8 81.3 84.0 900 ≥ 63.8 81.3 84.0 91.3 92.5 94.4 96.0 96.1 96.1 96.1 96.1 96.1 96.1 84.4 87.4 93.5 94.4 64.1 81.4 ≥ 700 87.5 91.4 92.6 93.7 94.6 94.6 96.2 96.4 96.4 96.4 96.4 96.4 96.4 600 64.0 81.6 84.5 87.6 91.8 93.0 87.6 91.9 93.1 81.6 94.1 95.0 95.0 96.9 97.2 97.2 97.2 97.2 ≥ 500 64.0 84.7 97.2 97.2 87.8 91.9 93.1 94.2 95.3 95.3 97.3 97.7 97.7 97.8 97.8 97.8 97.8 87.8 91.9 93.1 94.2 95.7 95.7 97.8 98.9 98.9 99.1 99.1 99.1 99.1 87.8 91.9 93.1 94.2 95.7 95.7 98.0 99.1 99.1 99.2 99.2 99.6 99.6 400 84.8 81.6 54.0 300 81.4 84.8 81.6 84.8 93.1 95.7 95.7 98.1 99.2 99.2 87.8 91.9 94.2 99.5 99.5 99.9 99.9 100 87.8 91.9 93.1 94.2 95.7 95.7 98.1 99.2 99.2 99.5 99.5 00.chno.

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC JUL 4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SE BAL CLIMATOLOGY BRANCH COAFETAC AT - NEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BURLINGTON INTL VT

74-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300

CELNO	_						viS	18.L-74 ST	ATUTE MILI	E 5						
(FEE')	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ %	≱יי∠	≥,	≥ %	≥%	≥ 4:	≥5/16	≥ ′4	≥c
NO CERING	27.4	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.5
≥ 20000	25.9	33.2	33.5	33.5	33.5	33.5	33.5				33.5	33.5	33.5	33.5	33.5	33.5
≥ 18000	22.4	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ :5000	29.3	<u> 33.5</u>		33.7	33.7				33.7		33.7	33.7		33.7		33.7
≥ '4600	23.4	34.1	34.4	34 • 4	34.4		34 • 4			34.4		34.4		34.4		34 • 4
≥ 2000	30.4	35.1	35.3	35.3	35.3	35.3	<u> 35.3</u>	35.3	35.3			35.3			-	
≥ 10000	33.1	33.0	38.3	38.3	38.6	t l	38.7	38.7	38.7	38.7	38.7	38.7			38.7	38.7
≥ 9000	33.6	38.6	38.8	38.8	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 8000	35.2	40.3	40.6	7	41.0		41.3	41.3	41.3	1200	41.3	41.3	41.3	41.3	41.3	41.3
≥ 7000	37.5	43.5	43.8	43.8	44.2			44.9	44.9			44.9	44.9	44.9	44.9	44.9
≥ 6000	39.7	46.4	46.6	46.6	47.0	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 5000	42.6	50.7	50.9	50.9	51.3	51.6	52.0	52.0		52.0	52.0			52.0		
≥ 450C	46.4	55.4	55.8	55.9	56.3	56.6	57.0	57.0		57.0		57.0		-	57.0	57.0
2 400C	50.1	60.1	63.8	60.9	61.4		62.1	62.1	62.1		62.1	62.1			62.1	62.1
≥ 3500	56.6	69.2	[ˈ 7 ∩•₫	70.3	70.8		71.5	71.5	_		71.5	- 1				71.5
≥ 3000	59.8	75.8		77.3	76.2						79.2	79.2		79.2	79.2	79.2
≥ 2500	60.9	78.5	8∄•0	30.9	82.1	82.5	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
£ 2000	51.8	80.9	82.7	83.6	85.5	86.2	87.1	87.2	87.2	87.2	87.2	87.2	$\overline{}$	87.2	87.2	87.2
≥ 1800	52.1	82.0	83.7	84 . 8	87.0	87.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	υ2 •1	92.4	84.4	85.9	88.2	89.0	90.6	90.9	90.9	91.1	91.1	91.1		91.1	91.1	91.1
≥ 1200	52.1	82.4	84.5	86.4	88.8	89.7	91.7	91.9	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ .000	62.1	82.4	84.5	86.4	89.1	89.9	91.9	92.5								
.≥ 90C	62.1	82.4	84.5	86.4	89.4	90.3	92.1	93.0	93.0		93.3	93.3	93.4	93.4		93.4
≥ 800	52.1	82.5		86.7	89.9		93.0	93.8		94.4	94.4					
≥ 700	62.2	82.1	84.8	86.8	90.1		93.1	94.0	94.0	94.6	94.6	94.6	94.9	94.9	94.0	94.9
≥ 600	62.4	82.8	84.9	87.5	90.2	91.3	93.3	94.2	94.2	95.2	95.2	95.2			95.4	95.4
≥ 500	62.2	82.9	85.2	87.2	90.5	91.5	93.5	95.2	95.2	97.3	97.4	97.4	97.7	97.8	97.3	
≥ 400	62.2	82.9	85.2	87.2	90.6		93.7	95.3	95.3	97.4	97.7			98.1	98.1	98.1
≥ 300	52.2	82.9	85.2	87.2	90.9	91.9	94.2	96.2	96.2	98.4	98.9	98.9	99.3	99.5	99.5	99.5
≥ 200	62.2	82.9	85.2	87.4	90.9	92.1	94.4	96.4	96.4	98.5	99.1	99.1	99.6	99.7	99.7	99.7
≥ 100	62.2	82.9	85.4	87.2	90.9	92.1	94.4	96.4	96.4	98.7	99.2	99.2	99.7	99.9	99.9	99.9
≥ 0	57.4	82.9	85.2	87.2	90.9	92.1	94.4	96.4	96.4	98.7	99.2	99.2	99.7	99.9	100.0	100.

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JESPAL CLIMATOLOGY BRANCH STREETAC AI FEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 42

E /RLINGTON INTL VT

74-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEIL NO			-				v1\$	8 . "Y ST	ATUTE MIL	E 5	•			-		
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ ;	≥ %	≥'%	≥,	≥ 4	≥ %	≥ ∨	≥ 5/18	2 4	≥c
NO CERING	27.5	29.7	30.0	30.1	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 20000	32.1	34.7	35.0	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 18000	32.1	34.8	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 16000	32.2	34.9	35.2	35 • 4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ '4000	32.4	35.4	35.7	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	₹6.0
≥ .5000	33.4	36.9	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 10000	35.7	39.3	39.6	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 9000	36.2	39.9	40 - 2	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	48.5	40.5	40.5	40.5	40.5
≥ 8000	32.1	42.2	42.6	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 7000	40.2	45.1	45.5	45.8	45.9	46.3	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 6000	41.5	46.9	47.5	47.7	47.9	48.0	48.1	48.2	48.7	48.2	48.2	48.2	49.2	48.2	48.2	48.2
≥ 5000	74.2	53.9	51.6	51.9	52.2	52.3	52.4	52.5	52.	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4500	46.5	54.8	55.6	56.1	56.4	56.5	56.5	56.7	56.	56.7	56.7	56.7	56.7	56.7	56.7	56.7
± 4000	49.7	58.8	59.9	60.4	60.8	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3500	53.4	65.0	66.4	67.3	67.9	68.1	68.3	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 3000	5	71.6	73.3	74.7	75.7	76.0	76.4	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2500	59.1	75.0	77.2	78.8	80.0	80.5			81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
ž 2000	60.1	77.0	79.5		83.4	84.0			85.3	85.7	85.5	85.8		85.8	85.8	
≥ '800	60.3	77.5	80.1	82.4	84.3	84.8		86.2	86.2		86.8	86.8			86.8	
≥ 1500	£0.5	78.4	81.2	83.9	86.1	86.9		88.7			89.5	89.5			89.5	
≥ 1200	£0.9	78.7	81.6		87.0	87.8			90.0			91.0			91.0	
≥ .000	50.6	78.9	81.9	84.9	87.4	88.4		90.9	90.9		92.5	92.5			92.7	92.7
≥ 900	60.6	78.9	82.0	85.0	87.6	88.6		91.3	91.3	92.7	93.0	93.0		93.1	93.1	93.1
≥ 800	60.7	79.d			87.8	88.9	-		91.8		93.7	93.7	93.9	93.9	93.9	93.9
≥ 700	60.1	79.1	82.1	85.4	88.1	89.2			92.3	94.0		94.3		94.5	94.5	
≥ 600	50.7	79.2	82.4	85.5	88.3	89.4		_ =	92.5			94.9	95.1	95.1	95.1	95.2
≥ 500	60.7	79.3	82.6		88.6	89.6			93.3	95.7		96.3			96.7	96.8
≥ 300 ≥ 400	63.1	79.3	82.7	85.8	88.7	89.9			93.6			96.9			97.7	97.7
≥ 300	60	79.4	82.7	85.9	88.9	90.1		94.2	94.2		97.9	97.9			99.0	
≥ 200	60.1	79.4		85.9	88.9	90.1						98.2				
	68.1	79.4	82.7	85.9		90.1		94.4	94.4			98.4		99.5		
≥ ¹00 ≥ 0		1								97.3	-					
	60.7	79.4	82.7	85.9	88.9	90.1	92.4	94.4	77.4	77.5	98.5	98.5	99.6	44.0	99.9	LUU .

TOTAL NUMBER OF OBSERVATIONS _____

5950

USAF ETAC Jul 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ODSOLETI

SECOND CLIMATOLOGY BRANCH ON AFETAC AT MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-142

SUFLINGTON INTL VT

74-81

FER

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3030-3200 House (Lax.)

CEIL NO							vi\$:	BLUTY STA	ATUTE MILI	ES						
(FEE*)	≥10	≥6	≥ 5	≥ 4	≥3	≥ 2 1⁄.	≥ 2	≥.%	≥1%	≥1	≥ %	≥ %	≥ ∀:	≥ 5/16	≥ %	≥c
NO CEUNG	33.2	39.1	38.5	35.6	38.9	30.9	39.9	38.9	38.9	38.9	38.9	38.9	39.9	38.9	38.9	38.9
≥ 2000C	37.6	42.9	43.4	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 18000	37.6	42.9	43.4	43.8	44.1	44.1	44 - 1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
_ ≥ 6000	37.6	42.9	43.4	43.8	44.1	44.1	44.1	44.1	4 1 - 1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ '4000	37.6	42.9	43.4	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 2000	36.9	44.2	44.7	45.1	45.4	45.4	45.4	45.4	45.4		45.4	45.4	45.4	45.4	45.4	
3000€	40.4	46.2	46.6	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	[47.3
≥ 9000	40.4	46.8		47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 8000	41.4	49.0	40.4	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 7000	43.5	52.4	52.9	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 6000	46.2	56∙0	56.8	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	50.0	61.5	62.2	62.7	63.0	5 3. 0	63.0	63.Q	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4500	51.7	63.9	64.6	65.3	65.6	65.6	65.6	65.6	6°.6	65.8	65.8	65.9	65.8	65.8	65.9	65.8
≥ 4000	52.7	68.d	68.9	69.8	73.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3500	54.7	71.8	72.7	73.7	74.7	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.5
≥ 3000	57.4	78.0	79.1	80.7	81.3	81.3	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 2500	58.6	81.3	82.6	84.2	85.0	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.7
≥ 2000	59.9	83.5	85.3	87.2	88.1	98.2	88.9	88.9	88.9	89.1	89.2	89.2	89.4	89.4	89.4	89.4
≥ 1800	57.9	83.5	85.3	87.2	88.1	88.2	89.9	88.9	88.9	89.1	89.2	89.2	89.4	99.4	89.4	89.4
≥ 1500	59.9	83.8	85.7	88.3	89.8	90.0	90.7	91.2	91.2	91.3	91.4	91.4	91.6	91.6	91.6	91.5
≥ 1200	60.2	84.4	86.3	89.4	90.7	91.0	92.0	93.1	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.5
≥ ,000	60.2	84.4	86.3	89.4	90.9	91.4	92.9	94.1	94.1	94.4	94.5	94.5	94.7	94.7	94.7	94.7
≥ 900	69.2	84.4	86.3	89.2	90.9	91.4	92.9	94.1	94.1	94.4	94.5	94.5	94.7	94.7	94.7	94.7
≥ 800	60.4	84.7	86.6	89.1	91.3	92.0	93.5	94.7	94.7	95.0	95.1	95.1	95.4	95.4	95.4	95.4
≥ 700	60.2	84.7	86.6	90.1	91.7	92.5	94.1	95.3	95.3	95.9	96.0	96.0	96.3	96.3	96.3	96.3
≥ 600	60.4	84.7	86.4	90.3	91.9	92.6	94.2	95.7	95.7	96.5	96.6	96.6	96.9	96.9	96.9	96.9
≥ 500	60.2	84.1	86.6	90.3	91.9	92.6	94.4	95.9	95.9	96.6	97.2	97.2	97.5	97.5	97.5	97.5
≥ 400	60.2	84.7	86.6	90.3	92.3	93.1	94.8	96.3	96.3	97.2	97.8	97.8	98.4	98.4	98.4	98.4
≥ 300	60.2	84.	86.6	90.7	92.8	93.7	95.4	96.9	96.9	98.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 200	60•4	84.7	86.6	90.1	92.8	93.7	95.4	96.9	96.9	98.1	98.7	98.7	99.4	99.4	99.4	99.4
> 100	60.4	84.	86.6	90.7	92.8	93.7	95.4	96.9	96.9	98.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 0	€0.2	84.7	86.6	90.7	92.8	93.7	95.4	96.9	96.9	98.1	98.7	98.7	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS ______67:

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

I

DECTAL CLIMATOLOGY BRANCH THREETAC AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 - 42

BSRLINGTON INTL VT

STATION NAME

74-81

FE S

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

U300-0500

CEIL NO				-	·	-	vi\$.	B . TV ST	ATUTE MILL	ES				-		
(*EE*)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ . %	≥1%	≥1	≥ 4	≥ %	≥ ∨	≥ 5/16	≥ 4	≥0
NO CEIUNG ≥ 20000	33.4 33.3	37.0 40.6		37.2 41.0	37.6 41.4		37.6 41.4	37.6	37.6	37.6 41.4	37.6	37.6 41.4	37.6 41.4	37.6 41.4	37.6 41.4	37.6 41.4
≥ 18000 ≥ 18000	23.3 3.3	40.6 40.6		41.0 41.0	41.4	1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4 41.4	41.4
≥ 14000 ≥ 12000	33.5 34.7	43.7		41.2 42.5	41.6	42.9	41.6	41.6 42.9	41.6 42.9	41.6 42.9	42.9	41.6	41.6	41.6	41.6 42.9	41.0
≥ 10000 ≥ 9000	35.7 36.7	43.2	44.2	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1 45.1	44.1	44.1 45.1	44.1	44.1 45.1	44.1
≥ 8060 ≥ 7000	41.4	47.9 51.8	52.2	48.7 52.8	53.2		49.1 53.2	49.1 53.2	49.1 53.2	49.1 53.2	49.1 53.2	49.1 53.2	49.1 53.2	49.1 53.2	53.2	53.2
≥ 6000 ≥ 5000	45.4	54.0 59.7	63.2	55.0 61.1	61.7	61.7	55.5	55.5	55.5	55.5	55.5	55.5		55.5 61.7	55.5	55.5
≥ 4500 ≥ 4000	47.8 49.6	62.2 65.3	65.5		67.0	67.0	67.0	64.2 67.0	67.0	64.2 67.0	67.0					67.5
≥ 3500 ≥ 3000	51.6 54.3	69.8 76.1	77.0 77.0	71.4 78.5 82.7	72.1 79.2 83.8	72.1 79.2 83.8	72.1 79.2 83.8	72.1 79.4 83.9	72.1 79.4 83.9	72.1 79.4 83.9	72.1 79.4 83.9	72.1 79.4 83.9	72.1 79.4 83.9	72.1 79.4 83.9	72.1 79.4 53.9	72.1
≥ 2007	57.4 57.1	83.0 83.6	84.8	87.3	88.3	88.9	88.5	88.6	88.6	88.6	88.6	88.6	89.2	88.6	89.2	88.6 89.2
≥ 1500	57.8 59.0	83.9		88.6	90.1	90.1	9D.3	90.6	90.6	91.2 92.D	91.2	91.2		91.2	91.2	92.3
≥ 900	53.7	84.4	86.4	90.0	91.7	92.0	92.6	93.4	93.4	94.4	94.4 95.0	94.4	94.4	94.4	94.4	94.4
≥ 800	58.0	84.4	86.4	90.0	91,7	92.0	92.9	93.7	93.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	58.0 58.0	84.4	86.4	90.4	92.2	92.5	93.7	94.5	94.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	58.0	84.4	86.4	90.4	92.9	92.6	94.5	95.4	94.8	97.3	98.1	98.1	98.2	98.2	98.2	98.2
≥ 200	58.0 58.1	84.4	86.4	90.9 90.9	92.9	93.2	94.5	95.4	95.4	98.4	99.1	99.1	99.4	99.4	99.4	99.4
≥ 0	58.1	84.4	86.4	90.9	92.9		94.5	95.4	95.4	98.4	99.3	99.3	99.6	99.6	99.7	100.5

TOTAL NUMBER OF OBSERVATIONS ______

678

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SELEAL CLIMATOLOGY BRANCH CASETAC AS SEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 - ~42

SCREINGTON INTL VT

74-81

EF

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

184 NG							٧١S	B . " ST	ATUTE MIL	ES						
1966.1	≥ .c	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥2	≥ - %	≥1%	λĺ	≥ ¼	≥ %	≥ ٧	≥ 5/16	≥ ¼	≥c
NO CELLING	30.4	34.2	34.4	34 . 4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 20000	35.6	41.3	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	36.	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 16000	36.1	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9		41.9	41.9	41.9	41.9
≥ 14000	37.3	42.3	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	_	42.6	42.6	42.5	42.6
≥ 2000	39.3	43.7	43.8	43.8	44.0	44.0	44.0	44.0			44.0	44.0	44.0		44.3	44.5
20000 ≥	38.9	44.5	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.3
≥ 9000	40.4	46.0	46.2	46.2	46.3	46.3	46.3	46.3	-						46.3	
≥ 8000	43.2	47.6	49.7	49.7	49.9	49.9		49.9			49.9	49.9	49.9	49.9	-	49.9
≥ 7000	46.	53.1	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4			53.4	53.4	53.4	53.4
≥ 6000	49.1	55.9	56.0	56.5	56.6	56.6	56.6	56 • 6		56.6		. 1	56.6	56.6		
≥ 5000	53.1	61.8	62.1	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4500	55.5	64.2	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2		65.2	65.2	05.2	55.2
≥ 4000	59.3	69.0	69.3	69.8	73.1	73.1	70.1	70.1	70 - 1	70.1	70.1		70.1	70.1	70.1	70.1
≥ 3500	61.4	73.2	73.5	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	63.4	76.5	77.1	78.2	78.6	78.6	78.9	78.9			78.9			_		
≥ 2500	54.	79.9	80.7	81.9	82.3	82.4	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	32.9	92.9
≥ 2000	66.1	82.2	83.5	84.8	85.5	85.7	86.4	86.4	86.4				86.6			
≥ '800	66.4	82.7	84.1	85.4	86.1	86.3	87.0	87.0	87.0	87.2	87.2	87.2	87.2	67.2	87.2	1
≥ 1500	66.8	84.1	85.5	87.5	88.6				90.0				93.1	90.1	93.1	96.1
≥ 1200	66.8	84.2	85.7	87.8	88.9	89.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ ,000	66.6	84.2	85.8	38.1	89.2	89.7	91.0		91.2			91.6				
≥ 900	66.9	84.2	85.8	88.1	89.2	3	91.0			_						
≥ 800	66.3	84.4	86.1	88.5	89.7		91.9	92.0				92.8				92.8
≥ 700	66.8	84.5	86.3	88.8		90.7	92.6									
≥ 600	66.8	84.5	86.4	89.2						94.0						
≥ 500	66.9	84.7	86.6		90.9			94.1				95.9		-		
≥ 400	66.8	84.8		89.7	91.0			94.5					97.3			
≥ 306	66.8	P4.8	86.7	89.7	91.3	92.2	94.7	94.8	94.8	96.6		97.8			98.1	98 - 1
≥ 200	66.6	84.8	86.7	89.7	91.3	92.2	94.8	95.0		96.8		97.9				98.€
> 100	56.8	84.8	86.7	89.7	91.3	92.2	94.8	95.0		96.8					99.1	99.1
≥ 0	66.8	84.8	86.7	89.7	91.3	92.2	94.8	95.0	95.0	96.8	98.2	98.2	99.0	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

675

SETMATOLOGY BRANCH

FIETAC

AT SEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BURLINGTON INTL VT

74-81

FET

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

..º00-1100

CEIL NO		_					.15	:B. TY ST	ATUTE MIL	ES.						
(FEE*)	≥ S	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ . %	≥1%	≥1	≥ 4	≥ %	≥ ٧.	≥ 5/16	≥ %	≥0
NO CERUNG	33.7	35.3	35.3	35.4	35.8	36.1	36.1	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36 • 3
≥ 20000°	40.4	43.1	43.1	43.2	43.7	44.0	44.0	44.0	44.D	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 18000	41.3	43.5	43.5	43.7	44.1	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000	41.7	44.	44.7	44.1	44.5	44.8	44.8	44.8	44.8	45.0	45.0	45.0	45.0	45.3	45.0	45.3
≥ '4000	42.2	44.4	44.4	44.5	45.0	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 2000	43.7	46.0	46.0	46.2	46.6	46.9	46.9	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1
> .0000. ₹	45.7	48.7	48.8	49.0	49.4	49.7	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 9000	46.9	49.7	49.9	50.0	50.4	50.7	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.5
≥ 80UC	40.7	53.2	53.4	53.5	54.1	54.6	54.7	54.7	54.7	55.0	55.0	55.0	55.0	55.0		55.1
≥ 7000	50.4	54.6	54.7	54.9	55.5	55.9	56.2	56.3	56.3	56.8	56.6	56.3	56.8	56.8	56.8	56.8
≥ 6000	3.1	57.2	57.7	57 · 8	58.4	53.8	59.1	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 5000	55.1	61.4	61.8	61.9	62.5	63.Q	63.3	63.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4500	57.7	64.5	65.0	65.2	65.8	66.2	66.5	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	59.9	67.7	68.3	68.4	69.2	69.6	69.9	70.1	70.1	70.6	70.6	70.6	70.6	70.5	70.6	73.6
≥ 3500	63.1	72.1	73.1	73.5	74.2	74.8	75.2	75.4		76.0	76.0	76.0	75.0	76.0	76.3	76.0
≥ 3000	64.3	75.8	77.1	78.0	78.9	79.5	79.9	80-1	80.1	80.7	20.7	80.7	80.7	80.7	30.7	80.7
≥ 2500	c6.2	78.9	80.8	82.3	83.3	83.9	84.7	84.8	84.8	85.4	85.4	85.4	85.4	85.4	55.4	95.
2 2000	±6.5	80.5	82.9	94.7	86.d	86.6	87.5	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.
≥ '800	67.1	90.8	83.3	85.1	86.4	87.0	87.9	88.1	88.1	88.6	38.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	67.3	81.1	83.8	36.0	87.3	87.9	88.8	89.2	89.2	89.8	80.8	39.8	89.8	89.8	39.8	89.
≥ 1200	67.6	81.6	84.5	86.7	88.1	88.8	89.8	90.6	90.6	91.7	91.7	91.7	91.7	91.7	91.7	91.
≥ √000	67.6	81.6	84.5	36.9	88.2	88.9	90.1	91.2	91.2	92.6	92.6	92.6	92.6	92.6	92.5	
≥ 900	67.6	81.6	84.5	86.9	88.2	88.9	90.1	91.2	91.2	92.6	92.6	92.5	92.6	92.6	92.6	92.0
≥ 800	67.7	81.9	84.8	87.2	88.6	89.4	90.7	92.0	92.0	94.1	94.5	94.5	94.5	94.5	94.5	94.
≥ 700	67.7	82.0	85.1	87.5	88.9	89.7	91.2	92.5	92.5	94.5	95.0	95.0	95.0	95.0	95.0	95.
≥ 600	67.7	82.d	85.1	87.5	89.1	89.8	91.3	92.9	92.9	95.0	95.4	95.4	95.4	95.4	95.4	95.
≥ 500	67.7	82.0	85.1	87.5	89.1	89.8	91.4	93.4	93.4	95.9	96.5	96.5	96.5	96.5	96.5	96.
≥ 400	67.7	82.d	85.1	87.5	89.1	89.8	91.6	93.5	93.5	96.2	96.9	96.9	97.2	97.2	97.2	97.
≥ 300	67.1	92.0	85.1	87.5	89.1	89.8	91.9	94.0	94.0	96.6	97.6	97.6	98.1	98.1	98.1	98.
≥ 200	67.1	82.0	85.1	87.5	89.1	89.8	92.0	94.1	94.1	96.8	98.1	98.1	98.7	98.7	98.8	98.8
00ا ≤	67.1	82.0	85.1	87.5	89.1	89.8	92.0	94.1	94.1	96.8	98.2	98.2	99.1	99.1	99.4	99.
≥ 0	67.7	82.0	85.1	87.5	89.1	89.8	92.0	94.1	94.1	96.8	98.2	98.2	99.4	99.4	ומ סכוו	hac.:

TOTAL NUMBER OF OBSERVATIONS ______678

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

LUMAL CLIMATOLOGY BRANCH
SEFETAC SETAC T REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TATION STATION AND STATION NAME

74-81

FEE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

													•			
(E1. ~/)							¥1\$	B . " ST	ATUTE MIL	ES						- }
rees's					I						T	· · · ·				
	5.0	≥6	≥5	≥4	≥ 3	≥2%	≥ 2	≥ . %	≥1%	≥'	≥ ¼	≥%	≥ ٧.	≥5/16	≥ 4	≥ĉ
NO TELING	36.1	37.3	37.3	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	44.1	46.0	46.5	46.0	46.0	46.0	46.3	46.3	45.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ +8000	44.2	46.2	46.2	46.2	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ .9200	44.2	46.2	46.2	46.2	46.2	46.2			46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ '4600	45.3	47.2	47.2	47.2	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 12000	47.3	49.3	49.3	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6		49.6	49.6	49.5
3,000€	50.4	53.1	53.1	53.1	53.1	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 9000	51.3	54.0	54.0	54.0	54 • Q	54.0		_			54.6	54.6			54.6	54.5
≥ 8000	52.	56.₫	55.Q	56∙0	56.3	56.3	57.1		1		57.1	57.1		57.1	57.1	57.1
≥ 7000	<u> 55.3</u>	5 7 . 1	59.1	59.1	59.4	59.4				-		60.2		60.2	60.2	60.2
≥ 6000	56.5	67.45	60.5	60 • 5	େ60 ∙ ମ	60.8				61.7	61.7	61.7	1 1	61.7	61.7	61.7
≥ 5000	59.1	63.3	63.3	63.3	63.6	63.6			_		64.5	64.5			64.5	54.5
≥ 4500 ≤ 4000	61.7	66.8	66.8	66.8	67.1	67.1			68.1		68.1	68.1	68.1	68.1	69.1	68.1
ļ	64.6	70.5	70.5	70.6	70.9	70.9			72.1		72.4	72.4			72.4	72.4
≥ 3500 ≥ 3000	68.1	75.2	75.4	75.7	76 · g	76.0			77.3	77.6	77.6	77.6)		77.6	77.6
	70.6	79.4	79.5	80.4	81.0	81.0					83.0	83.3	63.0		83.0	
≥ 2500 ≥ 2000	72.6	81.7	82.2	83.5	84.7	84.8			86.9		87.3	87.3			37.5	87.5
	73.5	83.0		85.1	86.7	87.0			89.7		90.4	90.1	90.6		90.6	90.6
≥ '800	73.5	£3.0	84.2	85.5	87.0	87.3	89.7		9n.0			91.6		91.7	91.7	91.7
L	74.0	83.8	85.0	86.7	87.9	88.2		91.2	92.0		91.6	93.1			93.2	93.2
≥ 1200	74.3	84.5	85.7	87.3	89.1	89.4		93.1	93.1		94.7	94.7			94.8	
	74.3		85.7	87.3	89.1	89.4		93.2			94.8	94.8			95.0	
≥ 900 ≥ 800	74.5	34.8	86.1	87.6	89.4	89.7	92.6				96.0	96.0			96.2	
	74.5	85.1	86.4	88.1	89.8	93.1	93.2		94.2		96.8	96.8			97.2	97.2
≥ 700 ≥ 600	74.5	85.1	86.4	88.4	90.3	90.6		94.8	94.8	1	97.3	97.3			97.8	
≥ 500	74.5	85.1	86.6	88.3	90.6	90.9		95.3	95.3	96.9	97.9	97.9			98.4	98.4
≥ 400 ≥ 400	74.5	85.1	86.6	88.3	90.6	90.9			95.3	96.9	97.9			98.4	98.5	
≥ 300	74.5	95.1	36.6	88.3	90.6	90.9		95.3	95.3	96.9	98.1	98.2			99.1	99.1
≥ 200	74.5	85.1	86.6	88.3	90.6	90.9	94.1	95.3	95.3	97.1	98.5	98.7			99.9	
> 100	74.5	85.1	86.6		90.6	50°d			95.3	97.1	98.5				100.0	
2 100	74.5	85.1	86.6	88.3	90.6	90.9			95.3	97.1	98.5	98.7		99.7		
		~ ~ • •	0004		4	,,,,				_ , , , •	, , , ,			,,,,,		

67 -TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BLE PAL CLIMATOLOGY BRANCH

STAFETAC

AT JEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

ತ RLINGTON INTL VT

74-81

FES

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 JO-1700 House (L.S.T.)

CELNG							viS	B L 74 ST	ATUTE MILI	ES.						
IFEET)	≥ :0	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ ; <i>V</i> :	≥1%	≥1	≥ ¼	≥%	≥ ٧.	≥ 5/16	2 %	≥0
NO CERING ≥ 20000	35.3 43.7	36.9		36.9 45.1	37.0 45.4		37.0 45.4	37.0 45.4			37.0			37.0 45.4	37.7 45.4	37.3 45.4
≥ 18000	43.7	44.8		45.1			$\overline{}$				45.4		45.4	45.4	45.4	45.4
≥ 6000	44.0	45.1		45.4	45.7		- 1	45.7		45.7	45.7		45.7		45.7	45.7
≥ '4000	45.1	46.5	46.6	46.8	47.1	47.1	47.1	47.1		47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ .5000	45.2	47.5	47.6	47.8	48.1	49.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	46.1
≥ '2000	50.4	51.9	52.1	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 900€	51.6	53.2	53.4	53.5	53.8	53.8	53.8	53.8	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.3
≥ 800C	55.4	57.2	57.4	57.5	57.8	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7900	<u> 56.5</u>	59.0	59.1	59.3	59.6	59.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.3	59.9	59.9
≥ 6000	53.6	61.1	61.2	61.4	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	01.5	64.3	64.5	64.6	64.9	65.0	55.2	65.3	65.3	65.3	65.3		65.3	65.3	65.3	65.3
≥ 4500	64.6	68.6		69.2	69.5			69.9	69.9	69.9	69.9		69.9	69.9		69.9
± 400€	o 6 • 4	71.2			72.3	72.4	72.7	72.9			72.9		72.9	72.9		72.9
≥ 3500	70.1	77.1	1 1	79.2	79.6		80.2		30.4	80.4	60.4	80.5			80.5	80.5
≥ 3000	73.9	81.6		84.1	84.7	84.8	85.8	86.0	86.0		86.0		86.1	86.1	36.1	86.1
≥ 2500	75.4	83.6		86.1	87.2			89.1	89.1	1	89.1		89.2		89.2	-
£ 2000	75.5	84.8						91.2			91.3		91.4	91.4	91.4	91.4
≥ 1800	75.9	94.8	_		88.9			91.4	· • • · · · · · · · · · · · · · · · · ·		91.6		91.7	91.7	91.7	91.7
≥ 1500	76 • 1	85.4	87.3	88.8				93.7			94.1			94.2		
≥ 1200	76 - 1	85.7	88.1	89.5	90.9		73.7	94.4	' ' • '	95.0	95.0	–	95.1	95.1	95.1	95.1
2 .000	76.3	86.6						95.9								96.6
≥ 900 ≥ 800	76.3	86.6			91.9		95.0	95.9		96.5				96.8	96.3	
≥ 6147	76.3	86.7	89.1		92.0			96.0	96.0							
≥ 700 ≥ 600	76 • 3	86.7	89.1	90.7	92.0		95.1	96.0	96.0	96.9		• -				
	76.	86.7	89.1	90.9		93.1	95.7	96.6		97.5	97.9		98.1	98.1	99.1	98 - 1
≥ 500 ≥ 400	76.3	86.7	89.1	91.0	92.5			96.8	7	97.6					99.7	98.7
	76 • 3	86.1	89.1	91.0			96.2	97.1	97.1	97.9						
≥ 300 ≥ 200	76.	86.7	89.1	91.0			96.2	97.1	_ 1	97.9						1
	76.3	86.7	89.1	91.0			96.2	97.1	97.1	97.9					130.0	
> 100	76.	86.7	89.1	91.0			96.2	97.1		97.9						100.0
≥ 0	76.3	86.7	89.1	91.0	92.5	93.4	96.2	97.1	97.1	97.9	99.1	77.3	100.0	100.0	100.0	10 0 00

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

679

SELPAL CLIMATOLOGY BRANCH USAFETAC AT: MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

SURLINGTON INTL VT

74-81

FEB

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1836-2003 HOURS (L.S.T.)

						¥1 5	B.LITY ST	ATUTE MIL	ES						
≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ :%	≥1%	≥1	≥ ¾	≥ %	≥ y ;	≥ 5/16	2 %	≥¢
36.6	39.2	39.7	39.8				40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
	44.8	45.3	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
	45.0	45.4	45.6			45.7		1 1			1		45.7	45.7	45.7
									45.9	45.9	45.9	45.9	45.9	45.9	45.9
- 7	1		1						46.2				46.2	46.2	46.2
									48.2	48.2	48.2	48.2	48.2	43.2	48.2
- 1		1								-					
		51.2		51.5	51.5	51.5			51.5	51.5	51.5	51.5	51.5	51.5	51.5
		55.5		55.8	55.8	55.8		55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
	57.8	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
	61.8	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
59.1	65.3	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	56.7
t1.2	68.7	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
<u>53.1</u>	71.5	72.7	72.9	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9
55.5	75.8	77.1	77.3	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1
68.1	80.5	82.3	82.7	84.4	84.5	84.5	84.7	84.7	84.7	84.7	94.7	34.7	84.7	84.7	84.9
69.8	82.4	84.4	84.8	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	57.3	87.5
69.9	83.9	86.1	86.6	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7
69.9	93.9	86.1	86.6	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7
70.1	85 -5	88.1	88.8	91.4	91.7	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
70.1	86.0	88.6	89.7	92.5	92.8	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1
70.1	86.1	88.8	96.0	92.9	93.2	94.4	94.7	94.7	94.8	95.0	95.0	95.0	95.3	95.0	95.1
70.1	80.1	88.5	90.0	92.9	93.2	94.4			94.8	95.0	95.0	95.0	95.0	95.0	95.1
70.1	86.1	89.8	90.d	92.9	93.2	94.4	94.8	94.8	95.4	95.6	95.6				
70.1	36.1	88.8	90.0	92.9	93.2	94.4	95.0	95.0	95.6	95.7			95.7	95.7	95.9
70.1	86.1	88.8	90.0	93.1	93.4	94.5	95.1	95.1	96.0	96.2			96.2	96.2	96.3
70.1	96.1	88.8	90.1	93.2	93.5	94.7	95.6	95.6	96.8	97.1	97.1	97.1			97.2
70.1	86.1	88.8	90.1	93.2	93.8	95.0	96.0	96.0	97.2	97.5			_		
70.1	96.1	88.8	90.1	93.2	93.8	95.0	96.0	96.7	97.5	97.9	97.9	98.5	98.5	98.5	
70.1	86.1	88.8	90.1		7	95.0	96.1	96.3	97.8		- 1		99.1	99.1	
70.1	36.1	88.8	90.1			95.0									
70.2	86.3	88.9	90.3			1			97.9	- ·			-	-	i da si
	36.6 41.7 42.3 44.4 46.3 47.3 50.3 53.1 53.1 53.1 53.1 70.1 70.1 70.1 70.1 70.1	36.6 39.2 41.7 44.8 41.9 45.3 42.1 45.1 42.3 45.1 42.3 45.5 45.1 50.9 55.0 53.1 57.8 59.1 65.3 51.2 68.7 53.1 71.5 56.8 82.4 69.8 82.4 69.8 83.9 69.9 83.9 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1 70.1 86.1	36.6 39.2 39.7 41.7 44.8 45.3 41.9 45.2 45.4 42.3 45.4 45.9 44.4 47.5 47.9 46.3 49.6 50.0 47.1 50.7 51.2 50.9 55.0 55.5 53.1 57.8 58.4 59.1 65.3 66.2 61.2 68.7 69.8 53.1 71.5 72.7 75.5 75.8 77.1 68.1 80.5 82.3 69.8 82.4 84.4 69.9 83.9 86.1 70.1 86.1 88.8 70.1 86.1 88.8 70.1 86.1 88.8 70.1 86.1 88.8 70.1 86.1 88.8 70.1 86.1 88.8 70.1 86.1 88.8 70.1 86.1 88.8 70.1 86.1 88.8 70.1 86.1 88.8 70.1 86.1 88.8	36.6 39.2 37.7 39.6 41.7 44.8 45.3 45.4 41.9 45.2 45.4 45.6 45.7 42.3 45.4 45.6 45.7 42.3 45.4 47.5 47.9 48.1 47.5 47.9 48.1 47.1 50.7 51.2 51.3 50.9 55.0 55.5 55.6 55.6 55.6 55.6 55.6 55.6	36.6 39.2 37.7 39.6 4C.0 41.7 44.8 45.3 45.4 45.6 41.9 45.2 45.4 45.6 45.7 45.9 46.2 46.2 45.7 45.9 46.3 46.3 49.6 50.0 50.1 50.3 47.1 50.7 51.2 51.3 51.5 50.9 55.0 55.6 55.6 55.6 55.6 55.6 55.6 55.6	36.6 39.2 37.7 39.8 40.0 40.0 41.1 44.8 45.3 45.4 45.6 45.6 45.6 41.9 45.2 45.4 45.6 45.7 45.9 45.9 45.9 45.9 45.9 46.3 45.4 47.5 47.9 48.1 48.2 48.2 48.2 47.1 50.7 51.2 51.3 51.5 51.5 51.5 50.9 55.0 55.8 55.8 55.8 55.8 55.8 55.8 55.8	210 26 25 24 23 22% 22 36.6 39.2 37.7 39.8 40.0 40.0 40.0 40.0 41.7 44.8 45.3 45.4 45.6 45.6 45.6 45.6 41.9 45.2 45.4 45.6 45.7 45.9 45.9 45.9 45.9 45.9 45.9 46.2	210 26 25 24 23 22% 22 21% 36.6 39.2 39.7 39.8 40.0	210 26 25 24 23 22% 22 21% 21% 36.6 39.2 39.7 39.8 40.0	36.6 39.2 37.7 39.6 4C.0 40.0 40.0 40.0 40.0 40.0 40.0 41.1 44.8 45.3 45.4 45.6 45.6 45.6 45.6 45.6 45.6 45.6	210 26 25 24 23 22% 22 24 21 24 21 24 21 24 21 24 21 24 21 24 21 24 21 24 21 24 <	210	210	210	210 26 25 24 23 227 22 2.0 214 21 24 20 240.0 240.0 30.0 40.0 40.0 40.0 40.0 40.0 40.0

675 TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GOSOLETE

RELIGAL CLIMATOLOGY BRANCH CLAFETAC AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

YEARS

1-.42

BURLINGTON INTL VT

74-81

FED

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 Hours (Lis.v.)

CEILNG							٧١S	BLUTY STA	LTUTE MILL	ES						
(FEE*)	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	2 : %	≥1%	≥1	≥ %	≥ %	≥ ∀	≥ 5/16	≥ %	≥¢
NO CEILING	35.3	38.3	38.6	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	40.4	44.1	44.4	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	40.4	44.1	44.4	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ :6000	40.4	44.1	44.4	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ `4000	41.7	44.7	45.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 2006	42.0	45.9	46.2	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9		46.9	46.9
30000. ₹	42.6	46.8	47.1	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.7	47.9	47.9	47.9	47.9
≥ 9000	43.1	47.5	47.8	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 8000	44.2	49.3	49.6	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 2000	47.3	52.8	53.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 6000	49.3	56.0	56.3	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 5000	53.4	61.7	61.9	63.0		63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	56.4	65.9	66.2	67.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000	60.2	70.8	71.2	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.0	72.6	72.6
≥ 3500	62.5	76.7	77.3	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3000	63.9	79.8	81.3	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6		83.6	83.6
≥ 2500	55.6	82.9	84.7	86.7	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	67.6	87.6
≥ 2000	65.9	83.9	85.8	88.1	89.4	89.4	89.5	89.5	89.5		89.7	89.7	89.7		89.7	89.7
≥ 1800	66.1	84.1	86.1	88.5	89.8	89.8	93.0	90.0	0.0	90.0	90.1	90.1	90.1	90.1	90.1	90.3
≥ 1500	66.2	84.4	86.7	89.5	91.0	91.0	91.6	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.3
≥ 1200	66.2	84.7	87.2	90.1	91.6	91.7	92.5	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.4
≥ ,000	06.4	84.7	87.3	90.3	91.7	91.9	92.9	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	94.0
≥ 900	56.2	84.7	87.3	90.3	91.7	91.9	93.2	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.2
≥ 800	66.4	84.7	87.1	90.7	92.2	92.3	93.7	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.7
≥ 700	66.2	84.8	87.5	91.0	92.5	92.6	94.1	94.7	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.6
≥ 600	56.4	84.8	87.5	91.2	92.6	92.8	94.2	94.8	94.8	95.4	95.7	95.7	95.7		95.7	95.9
≥ 500	66.2	85.0	87.8	91.6	93.1	93.4	95.1	95.9	95.9	96.5	97.1	97.1	97.1	97.1	97.1	97.2
≥ 400	66.4	85.4	87.8	91.7	93.4	93.8	95.7	96.5	96.5	97.1	97.6	97.6	98.1	98.1	98.1	98.2
≥ 300	66.4	85.0	87.8	91.7	93.4	93.8	95.9	96.8	96.8	97.5	98.1	98.1	98.8	98.8	98.9	99.1
≥ 200	66.2	85.0	87.8	91.7	93.4	93.8	95.9	96.9	96.9	97.8	98.4	98.4	99.1	99.1	99.1	99.4
> 100	56.4	85.0	87.8	91.7	93.4	93.8	95.9	96.9	96.9	97.8	98.4	98.4	99.4	99.4	99.4	99.7
≥ 0	66.4	85.0	87.8	91.7	93.4	93.8	95.9	96.9	96.9	97.8	98.4	98.4	99.6	99.6	99.6	100.0
<u> </u>	35.54										1					

TOTAL NUMBER OF OBSERVATIONS

678

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

GL-PAR CLIMATOLOGY BRANCH SCAFETAC AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 - 4 -

BURLINGTON INTL VT

74-81

FEE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CER NG							٧ISi	BLTY ST	ATUTE MILI	ES						
(FEE*)	5,0	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ : ⅓	≥1%	≥1	≥ ¾	≥ %	≥ ∀:	≥ 5/16	≥%	≥c
NO CEUNG	33.7	37.0	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	39.8	43.5	43.6	43.9	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	39.9	43.6	43.8	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 6700	40.0	43.7	43.9	44.1	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5		44.5	44.5	44.5
≥ '4000	40.5	44.3	44.5	44.7	44.9	45.0	45.0	45 • Q	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 2000	41.4	45.8	45.9	46.2	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ '000€	43.9	43.0	48.2	48.5	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.3		48.8	48.8	48.8
≥ 9000	44.7	4) . [49.2	49.5	49.7	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9		49.9
≥ 8000	47.0	: .2	52.4	52.7	53.g		53.2	53.2		53.2	53.2	53.2	53.2	53.2		53.2
≥ 7900	49.3	5 1	55.4	55.7	56.1	56 • Q	56.2	56.2	56.2	56.3	56.3	56.3	56.3			56.3
≥ 6000	51.5	57.8	58.2	58.5	58.8	58.9	59.2	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 5000	54.4	62.4	62.5	63.2	63.5	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 450C	57.1	65.6	66.1	66.5	66.9	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3
2 400C	59.5	69.2	69.7	70.2	70.7	73.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2 350C	62.1	74.0	74.7	75.4	76.	76.1	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3000	54.9	78.4	79.6	83.7	81.4	81.5	82.Q	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3
≥ 2500	66.1	81.4	82.7	84.0	85.1	85.3	85.9	86.3	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2
≥ 2000	66.7	83.1	84.9	86.4	87.7	88.0	88.8	88.9	68.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	67.0	83.3	85.1	86.7	88.1	88.3	89.1	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1500	67.3	84.0	86.0	98.4	89.5	89.8	90.9	91.3	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7
≥ 1200	67.4	84.4	86.5	98.6	90.2	90.6	91.9	92.4	92.4	92.8	92.9	92.9	92.9	92.9	92.9	93.
≥ .000	67.4	84.6	86.7	89.0	90.7	91.2	92.7	93.4	93.4	94.0	94.1	94.2	94.2	94.2	94.2	94.2
<u>≥</u> 900	67.4	84.6	85.7	89.0	90.7	91.2	92.7	93.5	93.5	94.2	94.3	94.3	94.3	94.3	94.3	94.4
2 800	67.5	84.	86.9	89.3	91.q	91.5	93.1	93.9	93.9	94.8	95.1	95.2	95.2	95.2	95.2	95.2
≥ 700	67.5	84.8	87.1	89.5	91.2	91.7	93.5	94.3	94.3	95.4	95.7	95.7	95.8	95.8	95.8	95.9
≥ 600	67.5	84.8	87.0	89.7	91.5	92.0	93.8	94.7	94.7	95.9	96.3	96.3	96.4	96.4	96.4	96.5
≥ 500	67.5	84.8	87.1	89.8	91.7	92.2	94.2	95.2	95.2	96.6	97.2	97.2	97.3	97.3	97.3	97.4
≥ 400	67.5	84.8	87.1	89.9	91.8	92.4	94.5	95.5	95.5	97.0	97.7	97.7	98.1	98.1	98.1	98.2
≥ 300	67.5	84.8	87.1	90.0	92.0	92.6	94.7	95.8	95.8	97.4	98.3	98.3	98.8	98.8	98.9	98.9
≥ 200	67.5	84.8	87.1	90.d	92.q	92.6	94.7	95.9	95.9	97.6	98.5	98.6	99.2	99.2	99.3	99.4
> 100	67.5	84.8	87.1	90.0	92.0	92.6	94.7	95.9	95.9	97.6	98.6	98.6	99.4	99.4	99.5	99.6
≥ 0	67.5	84.9	87.1	90.0	92.d	92.6	94.8	95.9	95.9	97.6	98.6	98.7	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS __

5424

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SERBAL CLIMATOLOGY BRANCH MARETAC AT MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

EURLINGTON INTL VT

74-81

MAG

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J030-0230

							vis	BILITY ST	ATUTE MIL	£S	-					
CEILING CREETY										· · · · · ·						
(155.)	≥:0	≥6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥+%	≥1%	ا≤	≥ ¼	≥%	≥ ٧.	≥5/16	≥%	≥c
NO CERUNG	35.6	39.5	39.7	40.1	4D.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	35.5	42.5	42.6	43.3	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.3	43.0	43.3	43.0	43.0
≥ 18000	38.5	42.5	42.6	43.u	43.0	43.0	43.0	43.0	43.0	43.D	43.0	43.0	43.0	43.0	43.0	43.0
≥:6000	38.6	42.5	42.6	43.0	43.0	43.0	43.0	43.0	43.7	43.0	43.0	43.0	43.0	43.3	43.0	43.0
≥ 14000	39.8	42.7	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ :2006	41.d	45.2	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 10000	42.9	47.8	48.0	48.4	43.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	49.4	48.4
≥ 9000	43.4	48.5	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 8000	45.7	50.9	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 7000	47.2	53.C	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 6000	40.6	56.7	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	52.3	62.2	62.9	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500	53.	65.9	66.5	67.2	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
2 4000 }	<u>5</u> 5.4	69.5	77.3	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3500	58.9	74.1	75.0	76.1	76.5	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	60.9	77.8	79.0	80.4	8 J . 6	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	83.9	80.9	80.9
≥ 2500	02.2	80.2	81.5	82.9	83.2	83.2	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	62.8	82.1	83.5	85.3	85.8	85.8	85.9	86.0	86.0	86.6	86.6	86.6	86.6	86.6	85.6	ć 6
≥ 1800	62.1	82.5	83.9	85.8	86.2	86.2	86.3	86.4	86.4	87.0	87.0	87.0	87.0	87.0	87.0	47.0
≥ 1500	63.3	83.7	85.2	87.4	87.8	87.8	87.9	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	86.7
≥ 1200	63.4	84.1	85.9	88.2	88.7	88.7	88.8	89.1	89.1	89.9	90.1	90.1	90.1	90.1	93.1	90.1
≥ .000	33.6	84.4	86.2	88.7	89.4	89.4	89.9	90.3	90.3	91.1	91.3	91.3	91.4	91.4	91.4	91.4
≥ 900	03.7	84.5	86.3	89.1	89.8	89.8	90.6	91.0	91.0	91.8	91.9	91.9	92.1	92.1	92.1	92.1
≥ 800	63.7	84.5	86.3	89.2	89.9	90.1	90.9	91.3	91.3	92.1	92.2	92.2	92.3	92.3	92.3	92.3
≥ 700	63.7	84.8	86.6	89.9	90.6	90.7	91.8	92.2	92.2	93.0	93.1	93.1	93.3	93.3	93.3	93.3
≥ 600	63.7	85.1	86.8	95.2	91.q	91.1	92.2		92.6	93.4	93.5	93.5	93.7	93.7	93.7	93.7
≥ 500	63.7	85.1	87.0	90.7	91.5	91.7	92.9	93.4	93.4	94.2	95.0	95.0	95.2	95.2	95.2	95.2
≥ 400	63.7	85.1	87.0	90.7	91.8	91.9	93.1	94.2	94.2	95.2	96.0	96.0	96.1	96.1	96.1	96.1
≥ 300	63.7	35.1	87.0	91.8	92.9	93.0	94.2	95.3	95.3	96.8	98.1	98.1	98.5	98.5	98.5	98.5
≥ 200	63.7	85.1	87.0	91.8	92.9	93.0	94.2	95.3	95.3	97.2	98.5	98.5	99.1	99.1	99.3	99.3
≥ 100	63.7	85.1	87.0	91.8	92.9	93.0	94.2	95.3	95.3	97.2	98.5	98.5	99.1	99.1	99.6	99.€
≥ 0	63.8	85.2	87.1	91.9	93.0	93.1	94.4	95.6	95.6	97.4	98.9	98.9	99.5	99.5	1:0.0	100.0

TOTAL NUMBER OF OBSERVATIONS ___

744

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SL BAL CLIMATOLOGY BRANCH UCAFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

74-81

AYE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

U300-0500

CELING				·			viS	iB:L.TV ST	ATUTE MILI	ES						
IFEE*1	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥ ، %	≥1%	≥1	≥ %	≥ %	≥ ٧.	≥5/16	≥ ¼	≥ ċ
NO CEIUNG	32.7	38.0	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	36.	42.1	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000	36.	42.1	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	[· 7	42.7	42.7
≥ .9000	36.4	42.1	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ '4000	35.2	42.2	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ .5000	37.4	43.8	44.1	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
20000. ≤	39.2	45.4	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 9000	37.2	45.6	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	45.4	46.4
≥ 8000	41.4	48.3	48.7	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 2000	42.4	50.3	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 6000	44.2	53.2	53.6	54.0	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 5000	46.4	57.d	57.5	58.2	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4500	49.1	60.5	61.0	61.7	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	52.2	66.3	66.8	67.7	68.d	63.0	68.1	68.1	68.1	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 3500	54.3	73.0	70.8	71.9	72.2	72.2	72.3	72.3	72.3	72.6	72.6	72.6	72.7	72.7	72.7	72.7
≥ 3000	57.1	74.5	75.9	77.0	77.6	77.7	78 - 1	78.1	78.1	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 2500	58.6	77.2	78.8	80.5	81.0	81.3	82.1	82.3	82.3	82.7	82.7	82.7	82.8	82.8	82.8	82.5
≥ 2000	59.9	79.4	81.6	83.9	84.0	84.4	85.8	85.9	85.9	86.4	86.4	86.4	86.6	86.6	86.6	86.5
≥ 1800	60.2	80.0	82.3	84.1	84.7	85.1	36.4	86.6	86.6	87.2	87.2	87.2	87.4	87.4	87.4	87.4
≥ 1500	60.3	80.6	82.9	85.5	86.2	86.6	38 • C	88.3	88.3	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1200	60.3	80.9	83.2	85.9	86.6	87.5	88.4	89.1	89.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ .000	60.6	81.5	83.9	86.1	87.8	88.3	90.1	90.7	90.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1
≥ 90 0	60.9	82.0	84.4	87.5	88.6	89.1	90.9	91.5	91.5	92.7	92.7	92.7	92.9	92.9	92.9	92.9
≥ 800	60.9	82.0	84.4	87.5	88.6	89.1	90.9	91.5	91.5	92.7	92.7	92.7	92.9	92.9	92.9	92.9
≥ 700	60.1	82.3	84.8	88.6	89.7	90.2	91.9	92.7	92.7	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 600	60.9	82.4	85.1	89.4	90.5	91.0		93.7	93.7	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 500	60.9	82.4	85.1	89.1	93.7	91.3	93.1	94.0	94.0	95.6	96.1	96.1	96.2	96.2	96.2	96.2
≥ 400	60.9	82.4	85.1	89.9	91.1	91.7	93.7	94.8	94.8	96.6	97.2	97.2	97.3	97.3		97.3
≥ 300	60.9	82.5	85.3	90.2	91.5	92.1	94.5	95.6	95.6	98.3	98.9	98.9	99.2	99.2	99.2	99.2
≥ 200	60.9	82.5	85.3	90.2	91.7	92.2	94.6	96.0	96.Q	98.7	99.3	99.3	99.6	99.6	99.6	99.6
> 100	60.9	82.5	85.3	90.2	91.7	92.2	94.6	96.1	96.1	98.8	99.5	99.5	99.7	99.7	99.7	99.7
≥ 0	60.9	82.9	85.3	90.2	91.7	92.2	94.6	96.1	96.2	98.9	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ___

744

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

UECTAL CLIMATOLOGY BRANCH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15742

BUPLINGTON INTL VT

74-81

4 A F

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-3803

CELNO							vis	BILITY ST	ATUTE MIL	ES						
1456.1	≥;0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ ?	۶≀≤	≥1%	≥1	≥ ¼	≥%	≥ ⊬.	≥ 5/16	≥ '4	≥0
NO CEILING ≥ 20000	32.4	34.1	34.1	34 - 4		34.5	34.5			34.5		34.5	34.5	34.5	34.5	34.5
	37.6			40.3	40.5										40.5	
≥ 18000	37.6 37.5				40.5	40.5 43.5	40.5			40.5	40.5 40.5	40.5	40.5 40.5	40.5	40.5	40.5
J		40.1		40.3	40.5						41.0					
≥ 14000 ≥ 2000	39.2	43.6			41.0	41.0	41.0	41.0		41.0			41.0	41.0	41.0	41.0
	41.1	43.7			44.2			44.2		44.2	44.2	44.2	44.2	44.2	44.2	
≥ 10000	43.0	45.8	45.8		46.4	46.4	46.4	46.4		• .	46.4	46.4	46.4	46.4	46.4	46.4
 	43.3	46.9			47.4				Ī		47.4	47.4			47.4	47.4
≥ 8000	46.0	49.1		1	. • 1	49.7	49.7				49.9	49.9		49.9	49.9	45.9
≥ 7000	48.7	5 • q	1							53.0					53.0	
≥ 6000	50.3	53.9	54.0	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.3
≥ 5000	51.9	56.0	56.2	56.9	57.	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4500	53.2	57.9	58.1	58.7	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 4000	55.5	61.3	61.4	62.4	62.8	62.9	62.9	62.9	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3500	59.0	66.1	66.7	67.7	68.3	68.4	68.4	68.4	68.4	69.3	69.0	69.3	69.0	69.0	69.0	69.0
≥ 3000	62.1	71.1	72.2	73.9	74.5	74.6	74.6	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	64.1	74.5	75.7	77.4	78.0	78.4	78.8	78.8	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3
2 2000	65.2	77.3	79.2	81.2	81.9	82.3	82.8	82.9	82.9		83.5		83.5	83.5	83.5	83.5
≥ 1800	65.5	77.7	79.8			83.1	83.6		83.7	84.3	84.3	84.3			84.3	84.3
≥ 1500	66.1	78.8	81.0		84.1	84.7	85.5		85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	56.3	79.6		84.3	85.2	85.8	86.8			88.0	88.C				8.3	88.3
≥ 000	56.3	79.8		84.8		86.4	87.8			89.2	89.2			89.4	89.4	89.4
> 900	66.3	79.8		85.1		87.0	88.3			90.5				$\overline{}$		90.6
≥ 800	66.3	79.8			86.3	87.2	88.8			91.7	91.7	91.7			91.8	91.8
2 700	56.	80.0		85.3	86.6	87.5	89.7	90.9		93.1	93.1	93.1	93.3			
2 /00	66.3	80.0		85.5		87.6	90.2	91.9		94.6						
	6 6 - 3	80.1	82.8			87.8	90.5			95 • G		95.4	96.0		96.0	96.3
≥ 500 ≥ 400						7 7 7						97.3			,	97.6
	66 • 3	80.4	83.2	86.0		88.4	91.8	93.8	93.8	96.5			97.6	97.6	97.6	
≥ 300	56.	80.4	83.2			88.6	92.2	94.5				97.7	98.9		99.2	
≥ 200	5 6 • 3	80.4	83.2	86.2		88.8	92.5		94.9	97.6		98.1	99.5	99.5	99.7	
≥ 100	66.3	87.4	83.2			88.8	92.5			97.6			99.6			100.0
≥ 0	6 6 • 3	80.4	83.2	86 • 2	87.8	88.8	92.5	94.9	94.9	97.6	98.3	98.3	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ___

744

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIVAL CLIMATOLOGY BRANCH OFFETAC AT VEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-,42

BERLINGTON INTL VT

74-81

MAR

STATION

STATION NAME

900-1100 Hours (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELLING			-				vis	BILITY ST	ATUTE MILI	ES						
(FEET)	≥,0	≥6	≥ 5	≥ 4	≥3	≥ 2 1⁄.	≥ 2	≥ઃૠ	≥1%	≥1	≥ ¼	≥ %	≥ ٧.	≥ 5/18	2 %	≥c
NO CEILING	34.4	35.3	35.9	36.□	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	76.2
≥ 20000	40.3	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 18000	40.3	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ .9000	48.3	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ '4000	41.1	43.0	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
> 500€	42.3	44.2	44.4	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
2 '0000'	44.2	46.1	46.2	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	45.	48.1	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 8000	48.4	50.8	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	50.4	53.4	53.5	53.6	53.9	53.9	54.0	54.0	54.0	54 . D	54.0	54.0	54.0	54.0	54.0	54.3
≥ 6000	53.1	55.8	56.0	56.2	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 5000	54.5	57.7	57.9	58.1	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	59.5	58.5
≥ 4500	57.3	59.9	60.2	60.5	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.3	61.0	61.0	61.0
≥ 4000	91.3	64.7	65.1	65.1	_66 • C	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3500	115 • 1	70.2	70.6	71.1	71.8	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3000	67.6	75.1	76.1	76.6	77.4	77.6	77.7	77.7	77.7	78.0	<u> 78.</u> 9	78.0	78.0	78.0	78.0	78.3
≥ 2500	63.	77.2	78.4	78.9	79.7	79.8	80.0	80.0	80.0	80.4	80.4	80.4	80.4	80.4	50.4	80.4
≥ 2000	69.4	79.4	81.2	82.1	82.9	83.2	83.7	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	69.5	79.7	81.5	82.4	83.2	83.5	84.0	84.0	84.0	84.4	(4.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	69.6	80.1	82.1	83.4	84.3	84.7	85.2	85.6	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	79.0	80.5	83.2	84.4	85.5	86.0	87.0	87.5	87.5	88.0	88.0	88.0	88.0	0.89	88.0	88.3
≥ ,000	70.3	81.0	84.0	85.3	86.4	87.2	88.2	89.0	89.0	89.9	89.9		89.9	89.9	89.9	89.9
≥ 90 0	70.3	81.3	84.4	85.8	87.0		88.8	89.7	89.7	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	70.3	81.7	84.9	86.3	87.8	88.8	90.1	91.3	91.3	92.5	92.6					
≥ 700	70.3	82.1	85.5	87.0	88.8	89.9	91.1	92.5	92.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	70.3	82.1	85.6	87.1	89.0	90.1	91.4	93.3	93.3	94.9			96.1	96.1	96.1	96.1
≥ 500	70.3	32.3	85.6	87.1	89.1	90.3	92.1	94.0		96.1	96.9		97.4	97.4		
≥ 400	70.3	82.4	85.8	87.2	89.7	90.9	92.6	95 · Q		97.3	98.5	98.5	99.1	99.1	99.1	
≥ 300	70.3	82.4	85.6	87.2	89.7	90.9	92.6	95.2	95.2	97.7	98.9	98.9	99.5	99.5	99.5	99.5
≥ 200	70.3	82.4	85.8	87.2	89.7	90.9	92.7	95.4	95.4	98.0	99.2	99.2	99.9	99.9	99.9	99.9
≥ 100	70.3	82.4	85.4	87.2	89.7	90.9	92.7	95.4	95.4	98.0	99.2	99.2	99.9	99.9	100.0	100.0
≥ 0	70.3	82.4	85.8	87.2	89.7	90.9	92.7	95.4	95.4	98.0	99.2	99.2	99.9	99.9	130.0	100.0

SESSAL CLIMATOLOGY BRANCH POAFETAC AT- EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 - . 42

BUPLINGTON INTL VT

74-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1230-1400 HOURS (LE.T.)

CEILING							v:(S	BILITY ST	ATUTE MILI	ES .						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥3	≥2%	≥ 2	≥ ; %	≥1%	≥1	≥ ¼	≥ %	≥ 4:	≥5/16	≥ '4	≥0
NO CEILING	35.9	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.
≥ 30000	41.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.
≥ 18000	41.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.
≥ 16000	41.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.
≥ 14000	41.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.
≥ .5000	43.5	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.
> '2000€	45.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.
≥ 9000	46.9	47.8	48.Q	48.0	48.Q	48.0	48.0	48.0	48.0	48.0	48.C	48.0	48.0	48.3	48.C	45.
≥ 8000	49.7	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.
≥ 7000	51.5	53.5	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.6	53.8	53.
≥ 6000	54.6	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.
≥ 5000	58.3	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.
≥ 4500	61.2	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.
≥ 400C	64.1	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.
≥ 3500	70	76.1	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.
≥ 3000	73.4	80.5	81.0	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	31.6	81.
≥ 2500	75.5	83.5	84.3	84.5	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.
₫ 2000	76.6	85.2	86.3	86.7	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.
≥ ¹800	77.0	85.6	86.7	87.1	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	68.
≥ 1500	77.7	87.5	88.8	89.5	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.
≥ 1200	79.1	89.0	90.3	91.0	91.8	92.2	92.5	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.
≥ ,000	78.8	89.7	91.0	91.7	92.6	93.1	93.5	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.
≥ 90 0	79.8	97.2	91.5	92.3	93.5	94.1	94.8	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.
≥ 800	78.8	90.2	91.5	92.3	93.7	94.2	94.9	95.2	95.2	95.8	96.0	96.0	96.0	96.0	96.0	96.
≥ 700	79.9	93.5	91.8	92.6	94.1	94.8	95.4	95.8	95.8	96.5	96.6	96.6	96.6	96.6	96.6	96.
≥ 600	73.9	90.5	91.8	92.6	94.1	94.8	95.4	96.0	96.0	96.9	97.6	97.6	97.6	97.6	97.6	97.
≥ 500	78.9	90.5	91.6	92.6	94.1	94.9	95.6	96.2	96.2	97.3	98.1	98.5	98.5	98.7	98.7	98.
≥ 400	78.9	90.5	91.8	92.6	94.1	94.9	95.6	96.5	96.5	97.8	98.7	99.1	99.3	99.5	99.5	99.
≥ 300	78.9	90.5	91.8	92.6	94.1	94.9	95.6	96.5	96.5	97.8	98.7	99.1	99.3	99.5	99.5	99.
≥ 200	78.9	90.5	91.6	92.6	94.1	94.9	95.6	96.5	96.5	98.0	98.8	99.2	99.6	99.7	99.7	99.
> 100	78.9	90.5		92.6	94.1	94.9	95.6	96.5	96.5	98.D	98.8	99.2	99.6	99.7	100.0	100.
≥ 0	78.9	93.5		92.6	94.1	94.9				98.0	98.8	99.2			100.0	

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

CL HAL CLIMATOLOGY BRANCH LSAFETAC AT VEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 - "42

1. .

BURLINGTON INTL VT

STATION NAME

74-81

TAP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 1500-1700 HOURS [L.S.T.]

CELNO							V15	B ST	ATUTE MIL	E S						
(FEET)	3 .0	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ · ½	21%	≥1	≥ 4	≥%	≥ ∀.	≥ 5/16	2%	≥c
NO TEUNG	36.7	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	42.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ +8000	42.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ .9000°	42.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ '4000	43.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
₹ .5000	45.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ .0000	47.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 9000	47.6	49.1	49.1	49.1	49.1	49.1		49.1	49.1		49.1		49.1	49.1	49.1	49.1
≥ 8000	47.9	51.3	51.3	51.3	51.3	51.3		51.3	51.3			51.3			51.3	51.3
≥ 2000	1.3	53.6		53.8						53.9	53.9	53.9	_			
≥ 6000	54.6	57.3	57.3	57.4	57.4	57.4			57.5		57.5	57.5			57.5	57.5
≥ 5000	58.2	61.4	61.4	61.4	61.6				61.7		61.7	61.7	61.7		61.7	
≥ 4500	64.1	68.0	63.3	68.4	68.4	68.4			68.5		68.5	68.5		_	68.5	68.5
≥ 4000	67.7	72.0	72.4	72.6	72.6					72.8					72.8	
≥ 3500 ≥ 3000	74.1	79.4	80.d	80.1	80.5	80.9		81.9	81.0		81.0	81.0			81.0	
	76.9	82.9	83.6		84.1				84.7		84.7	84.7		84.7	84.7	84.7
≥ 2500	78.4	85.9	86.2		86.9	87.2	1	87.4	87.4	1	87.4	87.4		87.4	37.4	37.4
≥ 2000	79.1	87.1	87.9		89.2				89.9		90.1	90.1	93.1		90.1	90.1
≥ 1800	79.8	97.4	88.2		89.5	89.9		90.3	90.3	l 1	90.5	90.5			90.5	
≥ 1500	80.2	88.0			90.7	91.3				91.9				91.9		91.9
≥ 1200	80.4	88.3	89.2		91.4	92.1			92.7		- 1	-		92.9	92.9	_
≥ .000	60.5	89.1	97.5		93.3	94.4			95.2			95.3				95.3
≥ 900	80.5	89.1	90.5	~ ~ ~	93.3	94.4		95.2	95.2			95.4		95.4	95.4	
≥ 800	80.5	89.1	90.5		93.4	94.5		95.6				96.2				96.2
≥ 700	£0.5	89.1	90.5		93.4	94.5		95.7	95.7			96.9				
≥ 600	80.5	89.1	90.5	91.1	93.4	94.6		96.1	96.1					97.7		
≥ 500	à0.5	89.1	90.9		93.4	94.6		96.2	96.2			98.0			98.4	98.4
≥ 400	80.5	89.1	90.5		93.4	94.6		96.2	96.2							
≥ 300	30.5	89.1	90.5	7	93.4	94.6		96.2	96.2	i I		98.4			99.2	
≥ 200	30.5	89.1	90.9		93.4	94.6		96.4	96.4		98.3	98.5				99.9
> 100	60	89.1	90.5	7	93.4	94.6		96.4		97.6			99.2			99.9
≥ 0	30.5	89.1	90.5	91.1	93.4	94.6	95.4	96.4	96.4	97.6	98.3	98.5	99.2	99.6	99.9	170.0

744 TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS ENTIONS OF THIS FORM ARE OBSOLETE

BLISAL CLIMATOLOGY BRANCH BOSTETAC ATT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000 HOURS (L.S.T.)

CEILNG							v15	18:L ** ST	ATUTE MIL	ES						
(FEE*)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ √%	≥1%	≥1	≥ %	≥%	≥ ∨.	≥5/16	<u> </u>	≥c
NO CEIUNG ≥ 20000	30.1	39.7	39.8	40 • 1 45 • 6	40.2			7.7			40.2 45.7	40.2			40.2 45.7	40.2 45.7
≥ 18000 ≥ 18000	44.4	45.3	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ '4600	44.3	45.3	46.2		46.6			45.8	45.8		45.8	45.8			45.8	45.8
≥ .5000	45.0	47.4									48.0	48.0			48.C	48.0
≥ 10000 ≥ 10000	46.9	48.4 43.9		46.8 49.3	45.9 49.5	48.9			48.9 49.5		48.9 49.5	48.9	48.9 49.5	1	48.9	48.9
≥ 8000 ≥ 7000	49.9	51.7	51.9 55.0		52.3 55.4	52.3 55.4					52.3 55.4	52.3 55.4		52.3 55.4	52.3 55.4	52 · 3 55 · 4
≥ 6000 ≥ 5000	55.8	59.0	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4500	62.4	67.6	68.1	68.4	68.7	68.8	68.8	68.8	68.B	68.8	68.8		68.8	68.8	68.8	68.8
≥ 4000 ≥ 3500	67.2	71.0	71.8	72.3	77.3	73.1			73.1		73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	70.6	79.3	87.4	81.2		82.3									82.4	82.4
≥ 2500 ≥ 2000	72.3 73.7	81.9 83.7	83.1 85.5	84 • 0 86 • 6	84.9 87.6	85.3 88.3	85.6 88.7	85.6 88.7			85.6 88.7	85.6 88.7	_	85.6	55.6 58.7	88.7
≥ 1800 ≥ 1500	74 • 2 74 • 5	84.4	86.3 87.2	87.4	89.4	89.4 90.6			89.8 91.4		89.8		89.8 91.4	89.8 91.4	89.8 91.4	89.8 91.4
≥ 1200 ≥ 1000	74.6	85.3	87.5	88.7	89.9	91.3	91.9	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 900	74.9	85.9	88.2	89.4	90.7			93.0 93.1	93.0		93.3		93.4	93.4	93.4	93.4
≥ 800 ≥ 700	74.9	86.2			91.4			94.6	94.6	94.2	94.2				94.4	94.4
≥ 600	74.9	86.2	88.6	90.3	91.9	93.4	95.2	95.8	95.8	96.2	96.5	96.5	97.0	97.J		97.0
≥ 500 ≥ 400	74.9 74.9	86.2 86.2	88.6 88.6	90.5	92.1	93.5			96.0	96.9	97.7	97.7	98.5		97.8 98.7	97.8 98.7
≥ 300 ≥ 200	74.9	86.2	88.6 88.6					96.0 96.0	96.0 96.0		98.1 98.3	98.1 98.3			99.2	99.2 99.6
2 100 2 0	74.9	86.2	88.6	90.5	92.1	93.5	95.3	96.0	96.0	97.4	98.3	98.3	99.5		99.6	99.6
	14.3	86.2	88.6	70.3	92.1	7303	95.3	96.0	70.0	71.4	70.3	70.3	77.5	77.3	7701	a cue (')

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

SERVAL CLIMATOLOGY BRANCH

ATE MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

SURLINGTON INTL VT

STATION NAME

74-81

MAD

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEIL NG							v1S	B.CITY ST	ATUTE MIL	ES						
(FEE*)	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ , %	≥1¼	≥1	≥ ¾	≥ %	≥ ⊬	≥5/16	2%	≥c
NO CEILING	42.1	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.C	44.0	44.0	44.9	44.0	44.
≥ 20000	44.1	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 18000	44.2	46.0	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ :6000	44.4	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 1400′	44.9	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ :2000	46.2	49.7	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ ,0000	47.3	50.5	50.5	50.9	50.9	53.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 9000	47.6	50.8	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000	49.5	53.4	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 7000	_50.5	55.0	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	5 5 • 5
≥ 6000	52.7	58.1	58.3	58.7	58.7	58.7	58 • 7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	55.4	63.6	63.8	64.2	64 • 5	64.5	64 <u>.5</u>	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4500	57.3	65.9	66.3	66.8	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
± 400€	_50∙5	70.4	70.8	71.4	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3500	63.	73.9	74.6	75.1	75.5	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	_54.5	77.0	78.5	79.3	79.7	79.7	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	56.4	80.0	81.7	82.8	83.2	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	33.7	83.7
≥ 2000	67.4	82.0	84.1	85.8	86.4	86.6	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	37.1	67.1
≥ '800	67.5	82.5	84.7	86.4	87.1	87.2	87.6	87.8	37.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	_69.4	83.7	86.4	88.6	89.4	89.8	90.6	90.7	90.7	91.0	91.0	91.0	91.0	91.3	91.0	91.3
≥ 1200	68.4	84.1	86.8	89.0	90.2	90.6	91.7	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ ,000	68.4	84.4	87.1	89.4	90.6	91.d	92.3	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 90 0	68.4	84.4	87.1	89.5	90.9	91.3	92.6	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	68.5	84.5	87.6	90.1	91.5	91.9	93.3	93.5	93.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	68.5	84.5	87.6	90.1	91.5	91.9	93.3	93.5	93.5	94.4	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	63.5	84.5	87.6	90.1	91.9	92.3	93.8	94.2	94.2	95.0	95.4	95.4	95.7	95.7	95.7	95.7
≥ 500	68.5	84.5	87.6	90.1	92.3	92.7	94.4	94.9	94.9	96.0	96.9	96.9	97.2	97.2	77.2	97.2
≥ 400	68.5	84.1	87.8	90.3	92.6	93.4	95.2	95.7	95.7	96.8	97.8	97.8	98.4	98.4	98.4	98.4
≥ 300	68.5	84.1	87.8	90.3	92.6	93.4	95.4	96.1	96.1	97.4	98.5	98.5	99.1	99.1	99.1	99.1
≥ 200	68.5	84.7	87.8	90.3	92.6	93.4	95.4	96.1	96.1	97.4	98.9	98.9	99.5	99.5	99.7	99.7
≥ 100	63.5	84.1	87.8	90.3	92.6	93.4	95.4	96.1	96.1	97.4	98.9	98.9	99.5	99.5	99.7	99.7
≥ 0	68.5	84.7	87.8		92.6		95.4	96.1		,	99.1	99.1	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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TELPAL CLIMATOLOGY BRANCH TETAC AT TEATHER SERVICETHAC

CEILING VERSUS VISIBILITY

14742 SIRLINGTON INTL VT

74-81

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.Y.)

CELNO.							¥15	B UT+ ST	ATUTE MIL	E 5						
/FEE*)	5.c	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ : ⅓	≥١%	≥,	≥ %	≥ %	≥ v.	≥ 5/16	≥ 4	≥0
NO CEIUNG ≥ 20000	36 • 1 40 • 6	1 .3	33.2 43.0	1	1	36.4			• • •		38.4	38.4 43.3				
≥ 18000 ≥ 16000	40.6	43.0 43.0		43.3	43.3	43.3	43.3	1				43.3		43.3	43.3	1 .
≥ '4000 ≥ '2000	41.2	43.6			- 1	44.0	44.D				44.0 45.9	44.3		44.0 45.9	44.3 45.9	44.
20000 ≥	44.5	1				47.8			47.8		47.8 48.7	47.8 48.7		47.8		47. 48.
≥ 8000 ≥ 7000	47.5	1 1		51.3 53.6		51.3 53.7				51.4 53.8	51.4 53.6	51.4 53.8		51.4 53.8	53.₽	51. 53.
≥ 6000 ≥ 5000	51.8 54.8	56.4 60.5			. ,	57.0	1	57.1 61.4	57.1 61.4	57.1 61.5	57.1 61.5	57.1 61.5	57.1 61.5	57.1	57.1 61.5	57. 61.
≥ 4500 ≥ 4000	57.3 60.3	63.8 63.1			· · •	64.8		64.9 69.5			/ 1	65.0			65.0 69.7	
≥ 3500 ≥ 3000	64 • 1 5 6 • 6	73.1	73.7	74.4		74.9		75.0	75.0 80.0		75.2 60.2	75.2	75.2 80.2	75.2 80.2	75.2 50.2	
≥ 2500 ≥ 2000	68 • 3 69 • 3	86.0 82.0				82.9 85.9	83.2			,		83.5 86.7		83.5 86.7		
≥ 1800 ≥ 1500	69.6 70.5	82.5		85.5 86.9		86.5 88.2		87.1 89.0	87.1 89.0		87.4 89.4	87.4 89.4		87.4 89.4	87.4 89.4	87. 89.
≥ 1200 ≥ 1000	70 • 2 70 • 4	84.5 84.5		87.7 88.4		89.2 90.2		90.3					90.8 92.3			90. 92.
≥ 900 ≥ 800	70 • 9	84.7	86.3 87.0	88.7 89.0		90.7 91.1	91.8 92.2		92.2 92.8		92.9 93.8	92.9 93.8	93.D 93.8			
≥ 700 ≥ 600	70 • 9 70 • 5	84.9 85.0		89.3 89.5		91.5	92.8 93.3	94.2		95.4	1	94 · 8 95 · 7		94.8		
≥ 500 ≥ 400	70 • 5	95.0 85.1	87.4	89.8	91.5	92.1 92.4	94.1	95.3	95.3	96.9	97.6		98.1	97.1 98.1	98.2	98.
≥ 300 ≥ 200	70.5	95.1 85.1	87.5 87.5	90.0	91.8	92.6 92.7	94.4	95.8		97.7	98.7	98.5 98.8	99.5			99.
≥ 10 0 ≥ 0	70 • 9 70 • 9	85.1 85.1	87.5 87.5			92.7	94.5 94.5			97.7 97.8	98.7 98.8	98.8 98.9		99.6 99.7		

TOTAL NUMBER OF OBSERVATIONS __

595

1 - AL CLIMATOLOGY BWANCH LL - AL CLIMATOLOGY BRANCH SCAFETAC AT WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

74-81

APF

TV JENE NCTONIJS GO GENERAL HOITATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2000-0200 HOURS (LIST.)

CEIL NO							v15	i 8. "> 57/	ATUTE MILI	5				-	-	
reet.	≥.0	≥6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥ - ½	≥1%	≥,	≤ %	≥ %	ž∨	≥ 5/16	24	≱ડે
NO CEUNG	41.	43.6	43.8	44.0	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	45.3	49.4	49.6	49.9				50.3		50.3	50.3	50.3	50.3		50.3	50.3
≥ 18000	46.3	49.4	49.6	49.9	5≎.0	50.0	50.3	5C.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ '6300	45.4	49.6	49.7	5 ⊕ 0	50.1				50 • 4		50.4	50.4	50 · 4	53.4	50.4	50.4
≥ '4000	46.7	49.9	q • ت 5	5C•3	5℃•4	1	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50 • 7
≥ 12000	49.4	52.6	52.8	53.1	53.2	53.2			53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 1000C	50.6	54.3	54.4	54.7	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	51.3	55.₫	55.1	55.4	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8		55.8	55.9
≥ 800C	53.1	58.2	58.3	58 • 6	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	50.0	59.C	59.0	59.0
≥ 700C	55.4	61.7	61.9		62.4		62.6	62.6	62.6			62.6	62.6		62.6	62.6
≥ 6000	53.3	64.7	65.0	65.3	65.4	55.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000	01.3	69.2	69.6	69.9	70.0	70.q		70.3	70.3			70.3	70.3		70.3	70.4
≥ 4500	53.2	71.7	72.1	72.5	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1
≥ 400C	54.7	74.0	75 <u>•</u> q	75.6	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.1
≥ 350C	66.3	77.9	79.0	79.7	80.0	80.0	30.3	80.3	80.3	8C.3	80.3	80.3	80.3	80.3	60.3	8C•4
≥ 3000	72.1	82.4	83.9	84.9	85.1	85.1	85.4	25.4	85.4	85.4	85.4	85.4	85 • 4	85.4	55.4	85.6
≥ 2500	71.7	85.4	87.2	88.5	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 2000	72.5	86.8	88.6	90.3	90.7	90.8	91.1	91.1	91.1	01.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ '800	72.5	86.8	88.6	90.3	91.0	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.7
≥ 1500	72.8	87.4	89.2	90.8	91.7	91.8	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	72.5	92.6
≥ 1200	73.2	98.8	91.0	92.9	93.9	94.0	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.9
≥ .000	73.2	88.8	91.4	92.9	93.9	94.0	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.9
≥ 900	73.3	89.4	91.8	93.8	94.7	94.9	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 800	73.3	89.4	91.6	93.8	94.7	94.9	95.4	95.4	95.4	95.6	95.6	95.6	95.6			95.7
≥ 700	73.3	89.4	91.8	93.9	95.0	95.1	95.7	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.1
≥ 500	73.3	89.4	91.5		95.1	95.3	95.8	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.3
≥ 500	73.3	89.9	92.2	94.9	96.0	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.5
≥ 400	73.3	89.4		95.1	96.3	97.1	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	98.7
≥ 300	73.3	89.9	92.4	95.4	96.5	97.4	97.9	97.9	97.9	98.3	98.3	98.3	98.9	98.9	98.9	99.
≥ 200	73.3	89.9	92.4	95.4	96.5	97.4	97.9	97.9	97.9	98.3	98.3	98.3	98.9	98.9	98.9	99.2
2 100	73.3	89.9	92.4	95.6	96.7	97.5	98.1	98.1	98.1	98.5	98.6	98.6	99.2	99.2	99.2	99.4
. v	73.3	89.9	92.4	95.6	96.7	97.5	98.1	98.1	98.1	96.5	98.6	98.6	99.3	99.3	99.3	100.0

JE GAL CLIMATOLOGY BRANCH AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14.42

BIRLINGTON INTL VT

74-81

APO

3300-0500 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELNO.							VIS	BLTY ST	ATUTE MILL	:s		* *				
(FEET)	≥`5	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ • ½	≥1%	≥ '	2 %	≥ %	≥ ⊬:	≥5/16	2 %	≥0
NO TEUNG	33.	36.4	36.7	37.1	37.1	37.1	37.2	37.2		37.2	37.2		37.8	37.8	37.8	37.9
≥ 20000	39.8	41.9		42.6										43.3		
≥ 18000	3 % • 8	41.9	42.2	42.6	42.6			42.8					43.3			43.5
≥ 6000	32.9	42.1	42.4		42.8						42.9		43.5		43.5	
≥ 14600	3 - 9	42.1	42.4	42.9	42.9			43.1	43.1	43.1	43.1	43.1	43.6	43.6	43.6	43.3
≥ 2000	41.9	45.4	L	46.3	46.3						46.4			46.9		
≥ '0000' ≥	43.4	47.4	47.6	48.2	48.2									1	48.9	49.0
≥ 900C	44.6	46.2	48.5	49.0	49.0						49.2	49.2			49.7	49.5
≥ 800C	+5.7	50.8		51.7	51.7		51.8						52.4	52.4	52.4	52∙5
≥ 7900	49.6	54.3	55.0	55.6	55.6	55.6			55.7		55.7	$\overline{}$	56.3		56.3	
≥ 6000	54.4	60.1	60.4	61.4	61.4	61.4			1					62.1	62.1	62.2
≥ 5000	59.9	65.8		67.1	67.1	67.1										
≥ 4500	61.7	69.0	69.7	70.3	70.3	70.3	70 • 4	70.4					71.0	71.G	71.7	71.3
≥ 400C	c2.1	71.8	72.6		73.5	73.5	73.8		73.8		73.8	73.8			74.3	74.6
≥ 3500	64.2	75-4	76.4	77.1	77.8	77.8	78.1	78.1	78 • 1	78.1	78 • 1	78.1	78.6	78.0	78.6	78.9
≥ 3000	06.9	79.4	80.8	81.7	82.5	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.8	£3.8	93.8	94.0
≥ 2500	67.3	81.7	83.3	34.4	85.3	85.4	86.3	86.0	86.0	86.0			86.5	96.5	36.5	86.8
£ 2000	68.3	82.6	84.3	_95 • q	86.9	87.2	37.8	87.8	87.8	87.8	87.8	87.8	88.3	68.3	38.3	38.6
≥ 800	63.5	P 3 - 1	84.9	86.4	87.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.9	88.9	88.9	89.2
≥ 1500	_63 ∙6	83.6	85.6	37.5	88.8	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.6	73.6	90.6	90.3
≥ 1200	68.6	84.4	86.4	88.6	89.9	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.8	91.8	91.8	92.1
≥ ,000	68.8	85.1	87.4	89.9					92.6							
≥ 900	68.8	85.7	87.9	90.6		92.9				- 1	93.9			94.6	94.6	95.0
] ≥ 800	68.8	85.8	88.1	90.7	92.4	93.5			94.3	94.4	94.4	94.4	95.1	95.1	95.1	95.6
≥ 700	68.8	85.8	88.3	91.3	92.9	94.0	94.9	94.9	94.9	95.0	95 • C			95.7	_	96.1
≥ 600	65.8	85.8	88.3	91.4	93.1	94.2	95.0	95.0	95.0	95.1	95.1	95.1	95.8	95.8	95.8	96.3
≥ 500	63.8	86.1	88.8	91.9	93.6	94.7	95.7	96.0	96.0	96.3	96.3	96.3	96.9	96.9	96.9	97.4
≥ 400	68 • E	86.1	88.9	92.2	94.0	95.1	96.1	96.4	96.4	96.8	96.8	96.8	97.5	97.5	97.5	97.9
≥ 300	63.8	85.1	89.0	72.6	94.4	95.6	96.7	96.9	96.9	97.6	97.8	98.2	98.9	98.9	98.9	99.3
≥ 200	68.8	86.1	89.0	92.6	94.4	95.7	96.8	97.1	97.1	98.1	98.2	98.6	99.3	99.3	99.3	99.7
> 100	63.5	86.1	89.0	92.6	94.4	95.7	96.8	97.1	97.1	98.1	98.3	98.8	99.4	99.4	99.4	99.9
2 0	58.9	86.1	89.0	92.6	94.4	95.7	96.8	97.1	97.1	98.1	98.3	98.8	99.4	99.4	99.4	ico.al
≥ 200	68.8 68.8	86.1	89.0	92.6 92.6	94.4	95.7 95.7	96 • 8 96 • 8	97.1	97.1 97.1	98.1 98.1	98.2 98.3	98.6 98.8	99.4	99.	3	3 99.3

72ü TOTAL NUMBER OF OBSERVATIONS

DEFICAL CLIMATOLOGY BRANCH AT CEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19742 BURLINGTON INTL VT

74-81

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE

06<u>00</u>-0800

HOURS (L.S.T.) (FROM HOURLY OBSERVATIONS)

CEIUNG		. <u>-</u>					VIS	iB Li*¥ ST.	ATUTE MIL	ES						
(FEET)	≥ .c	≥6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥+%	≥11/4	≥1	≥ %	≥%	≥ v:	≥ 5/16	≥ '4	≥ડ
NO CERING	37.6	38.8	38.8	38.8	38.8	3 . 8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.8	38.9	39.0
≥ 20000	42.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.2
≥ 18000	42.5	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.4
≥ .9000	42.	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2		44.3	44.4
≥ 14000	42.5	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	
≥ `2000	45.1	46.8	46.8		46.9	46.9				46.9	46.9	46.9		46.9	47.1	47.2
≥ 10000	46.5	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.C	49.3			49.2	49.3
≥ 900€	47.2	49.6	49.6	49.7	49.7	49.7			49.7	49.7	49.7	49.7	49.7		49.9	
≥ 8000	40.9	52.4	52.4		52.5	52.5	-		52.5		52.5				52.6	L
≥ 7000	51.1	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	56.
≥ 6000	- ° 5 • ↓	58.5	59.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.2
≥ 5000	59.1	64.0	64.3	54.4	64.4	64.4			64.4		64.4	64.4		64.4	64.6	64.7
≥ 4500	51.5	67.2	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9			67.9	67.9	68.1	
≥ 4000	63.5	69.7	70.3	70.4	70.6	70.6	70.6									70.8
≥ 3500	69.6	76.4	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.5
≥ 3000	72.8	81.4	82.1		82.6	82.6	82.8		82.8					82.8		
≥ 2500	74.0	82.9	84.0	84.6	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	ಕ5•1	85.3
≥ 2000	75.1	85.1	86.3	86.8	86.9	87.1			87.2	87.2	87.2	87.2	87.2	87.2	57.4	
≥ '800	75.5	85.6	86.7	87.4	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.2
≥ 1500	76 • 1	86.8	88.1	88.9	89.4	89.9	90.3	90.4		90.7		90.7				
≥ 1200	76.1	86.9	88.3	89.1	90.1	90.6	91.0	91.1	91.1			91.4			91.5	
≥ ,000	76.3	87.8	89.2		91.3	91.8				92.9						93.2
≥ 900	76.4	88.3	89.7	90.8	91.9	92.6		93.6	93.6		94.0	94.0			94.3	94.4
≥ 800	76.4	88.6	90.3	91.4	92.5	93.5			94.4						95.3	
≥ 700	76.4	88.6	90.3	91.8	92.9	93.9	94.4	94.9	94.9	95.8	95.8				96.1	96.3
≥ 600	76.4	88.8	90.4	92.1	93.3	94.3	94.9		95.4							97.2
≥ 500	76.4	89.0	90.1	92.5	94.0	95.1	95.7	96.3	96.3	97.5	97.6	97.6			98.1	98.2
≥ 400	76.4	89.0		92.5	94.2		96.3	96.8	96.8							
≥ 300	76.4	89.0	90.7	92.5	94.2	95.7	96.3	96.8	96.8			98.5			99.2	
≥ 200	76.4	_89•Q		92.5	94.2	95.7	96.3	96.9	96.9					99.4		
≥ 100	76.4	89.0	90.7	92.5	94.2	95.7	96.3	97.1	97.1	98.6				99.7	99.9	100.0
2 0	76.4	89.0	90.7	92.5	94.2	95.7	96.3	97.1	97.1	98.6	98.9	98.9	99.7	99.7	99.9	100.0

720 TOTAL NUMBER OF OBSERVATIONS

BEUBAL CLIMATOLOGY BRANCH LIGIETAC AL SEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-742 6 PREINGTON INTL VT

74-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6900-1100

(EI NO					-		V15	BILITY STA	ATUTE MIL	E 5						
(#86")	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ ?	≥:%	≥1%	≥1	≥ %	≥ %	≥ ٧.	≥5/16	≥ 4	≥0
NO CEUNG	38.9	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	43.6	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 18000	43.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000	44.	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ `2000	45.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	45.9
3000. ≥	49.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	53.6	50.€	50∙6	50 • 6
≥ 9000	50.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 8000	52.2	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 7900	54.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 6000	56 • S	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 5000	59.6	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4500	61.5	65.3	65.3	65.4	65.4	65.4	55.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≟ 400 0	05.6	69.3	69.3	69.7	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.3	70.0	70.0	70.0
≥ 3500	70.6	75.6	75.6	76.0	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	75.4	30.d	80.3	83.7	80.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	77.4	82.9	83.3	83.8	83.9	84.2	84.3	84.4	84.4		84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000	79.2	86.0	86.8		87.5	87.8	87.9	88.1	88.1	88.2	38.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	79.4	A5.7	87.6	88.1	88.3	88.6	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	79.9	87.9	89.0	89.4	89.9	90.1	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	50.7	88.9	90.0	90.4	91.0	91.4	92.1	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ ،000	50.8	89.4	90.7	71.4		92.5	93.3	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 90C	31.1	89.7	91.0	91.7	92.5	92.9	93.8	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	81.1	20.3	91.5	92.2	93.2	93.8	94.9	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	31.1	90.6	91.8		93.5	94.2	95.3	96.0	96.0		96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	81.1	90.6	91.9	1 1	94.0	95.1		96.9	96.9	97.8		98.1	98.1			98.1
≥ 500	81.1	90.6	91.9	93.2	94.2	95.3	96.4	97.1	97.2	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	61.1	90.7	92.1	93.3	94.4	95.6	96.7	97.4	97.5					98.9		
≥ 300	81.1	20.7	92.1	93.3	94.4	95.6			97.9	98.8	99.2	99.2	99.4		99.4	99.4
≥ 200	ε1.	90.7	92.1	93.1	94.4	95.6			98.1	98.9						
> 100	31.	93.1	92.1	93.3	94.4	95.6			98.1			99.4				99.9
≥ 0	51.1	93.7		1 7	94.4		_	97.9				-			-	a na ca
	<u> </u>										لتست					

TOTAL NUMBER OF OBSERVATIONS ____

72.1

GELFAL CLIMATOLOGY BRANCH FETAC AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 + 742

BURLINGTON INTL VT

74-81

APP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1230-1400 HOURS (L.S.T.)

CEIUNG							VI\$:	B L.TY STA	ATUTE MILE	:S						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ ; ½	≥1%	≥1	≥ ¼	≥ %	≥ ∨	≥5/16	≥4	≥c
OPILIED CH	37.6	38.5	38.5	38.5	38.5	33.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	33.5
≥ 20000	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 16000	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ '4000	43.8	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.5	44.
5 .300C	45.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.
≥ 100001	47.4	48.3	49.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	43.3	48.
≥ 900C	47.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.
≥ 8000	50.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.
≥ 7000	53.3	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.
≥ 6000	55.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.
≥ 5000	_en•d	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.
≥ 4500	53.5	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.
2 4000	60.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.
≥ 350C	75.0	79.2	79.4	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.
≥ 3000	78.5	83.3	83.8	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6	94.6	84.6	84.6	64.6	84.
2 2500	61.3	86.	86.7	87.1	87.4	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.
≥ 2000	51.7	88.1	88.6	89.2	89.7	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	93.4	90.4	90.
≥ '800	01.9	98.3	88.9	89.4	90.0	90.3	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.
≥ +500	J2.4	89.4	90.4	91.0	91.5	92.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.
≥ 1200	63.1	91.1	92.1	92.6	93.2	94.2	94.4	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.
≥ .000	63.3	92.2	93.2	93.9	94.4	95.4	95.7	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.
≥ 90 0	33.3	92.2	93.2	94.0	94.6	95.6	95.8	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.
≥ 800	83.3	92.5	93.6	94.4	95.1	96.1	96.4	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.
≥ 700	83.5	92.6	93.8	95.3	95.7	96.7	96.9	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.
≥ 600	83.5	92.8	93.9	95.3	96.q	96.9	97.4	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.
≥ 500	83.5	92.8	93.9	95.3	96.0	96.9	97.4	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.
≥ 400	33.6	93.1	94.4	95.6	96.3	97.4	97.8	98.5	98.5	99.d	99.0	99.d	99.0	99.0	99.0	99.
≥ 300	33.6	93.1	94.2	95.6	96.3	97.4	97.9	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.
≥ 200	o 3 • 6	93.1	94.2	95.6	96.3	97.4	97.9	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.7	99.
> 100	d3.6	93.1	94.2	95.6	96.3	97.4	97.9	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.9	99.
≥ 0	63.6	93.1	94.2	95.6	96.3	97.4	97.9	98.8	98.8	99.3	99.6		99.6			i

TOTAL NUMBER OF OBSERVATIONS _______72 ?

TERRAL CLIMATOLOGY BRANCH SARETAC AIR FEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14/42

BURLINGTON INTL VT

74-81

APP

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1790

				-			٧١\$	B.L TY ST	ATUTE MILE	ES	-				_	
CEIL NO (FEET)	1	 1						-		1	ī					
	5.2	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ . %	≥۱%	≥1	≥ ¼	≥%	≥ 4.	≥ 5/16	≥ ′₄	≥0
NO CELING	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	45.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9			46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000	46.7	47.4	47.4	47.4	47.4	47.4			47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ .9000	46.1	47.6	47.6		47.6		47.6				47.6	47.6	47.6	47.6		
≥ 14000	47.6	48.3	48.3	48.3	48.3	48.3		48.3		48.3	48 - 3		48.3	48.3	48.3	48.3
≥ 2000	49.6	50.3	50.3	50.3	50.3	50.3					50.3		50 • 3			
20000: ≤	50.4	51.3	51.3	51.3	51.3	51.3					51.3		51.3	51.3	51.3	51.3
≥ 800C	51.1	51.8	51.8								51.8	51.8		51.8		51.8
≥ 8000 > 7000	53.6	54.9	54.9	- ' • '		- • • • •		54.9		54.9	54.9	1	54.9	54.9		54.9
≥ 7900	56.1	57.8	57.8								57.8					57.8
≥ 6000	59.7	61.4	61.4	61.4	61.4			1		7	61.4	- 7	61.4	61.4		61.4
≥ 5000	56.1	68.8	68.8		68.8						68.9		68.9	68.9		68.9
≥ 4500	70.6	73.2	73.2		73.2			73.3	- 1		73.3		73.3	73.3	-	_
≥ 400C	74.7	78.3	78.6		78.6			78.9			78.9		78.9	78.9		78.9
≥ 3500	73.8	82.8	83.1	1	83.1			83.3		1	83.3					
≥ 3000	61.0	85.8			86.1						86.8			86.8		86.3
≥ 2500	02.5	87.8			1			88.8		1	88.9		88.9	88.9		88.9
≥ 2000	84.3	90.4	90.7		91.1					92.1	92.1	92.1	92.1	92.1		92.1
≥ 1800	24.9	91.1	1		91.8								92.8	92.3		
≥ 1500	-5-7	92.6							94.4							
≥ 1200	o5•¶	93.2	1		93.9								-	95.3	_:	05.3
≥ ,000	06.1	94.0			94.9					96.7						
2 900	86.1	94.2	94.6		95.1			96.9			97.1	97.1	97.1	97.1	97.1	
≥ 800	86.3	94.3	94.7		95.3				97.1				97.6			
≥ 700	86.3	94.3	94.7	95.1	95.3	96.0		1			- 1		98.1	98.1	98.1	98.1
≥ 600	26.3	94.7	95.1	95.6	95.7		96.7		97.8			98.6				98.6
≥ 500	86.	94.7	95.3	95.7	95.8	96.5		97.9		- 1	98.9		-	99.2		
≥ 400	56.1	94.7	95.3	95.8	96.0			98.1						99.4		
≥ 300	്6.3	94.9	95.4	96.0	96.1		97.1	98.2		98.9	99.2		99.6			
≥ 200	96.	94.9		96.0				98.3							1 30.0	
> 100	ರ6.3	94.9	- 1			7		98.3			99.4				100.0	
≥ 0	86.3	94.9	95.4	96.0	96.1	96.8	97.1	98.3	98.3	99.2	99.4	99.4	99.9	99.9	100.0	100.3

TOTAL NUMBER OF OBSERVATIONS ____

720

GLERAL CLIMATOLOGY BRANCH USAFETAC AL - WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

74-81

APP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1830-200C

CEILING			_				VIS	18-1-** ST	ATUTE MIL	ES						
(FEET)	≥ :C	≥6	≥ 5	≥ 4	≥ 3	≥ 21/.	≥ 2	≥:%	≥1%	≥1	≥ ¼	≥ %	≥ ∨;	≥ 5/16	≥ %	≥0
NO CEILING	40.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	46.3	47.8	47.8	47.8	47.8									47.8		48.0
≥ 18000	46.3	47.8	47.8	47.8	47.8	47.8			- 1		47.8	47.8	-	47.8	47.8	
> .9000	47.1	48.5		48.5	48.5							48.5		4 ô • 5	48.5	48.7
≥ 14000	48.4	49.9		49.9	49.9	49.9	49.9	49.9	49.9	,,,,,	49.9	49.7	49.9	49.9	49.9	50.1
≥ :2000	50.5	52.2		52.2	52.2	52.2					52.2	52.2		52.2	52.2	
00001 ≤	52.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8
	54.0	56.1	56.1	56.1	56.1	56.1	56.1		56.1	56.1	56.1	56.1	56.1	56.1	56.1	
≥ 8063 ≥ 7006	57.0	59.2	59.2	59.2	59.2				59.2		59.2	59.2		59.2	59.2	
	59.1	62.0		62.q	62.0	62.0							-			$\overline{}$
≥ 6000 ≥ 5000	62.3	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4		65.4	65.4			65.4	1
	66.6		-	70.8	70.8					71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 4500 ≥ 4000	70.5	74.4		75.9	75.g	75.0		75.2				75.2			75.2	
	72.9	76.8		77.3	77.3	77.3	77.5		77.6							
≥ 3500 ≥ 3000	75.1	80.3	80.7	81.1	81.1	81.1			81.5			81.5		-	81.5	
	77.9	83.6		84.6	84.6					3		85.4			85.4	
≥ 2500 ≥ 2000	79.1	86.2	1 1	87.9	88.d	88.6						89.2			89.2	
	80.	89.3	90.3	92.2	92.4							93.9				
≥ 1800 ≥ 1500	#1.1	90.0		93.3	93.5	94 • Q		95.1			95.1	95.1	95.1		95.1	95.3
	31.9	91.0		94.6	94.7	95.3	96.1	96.5	96.5			96.5				
≥ 1200 ≥ .000	51.6		92.4	94.9	95.d	- • .	96.5				97.1	97.1	97.1		97.1	
	81.6		92.8	95.3	95.4			97.6							97.6	
≥ 900 ≥ 800	81.6		92.9	95.4	95.5		97.2		97.8		97.8					
	#1.6	91.4	92.9	95.4	95.5	96.4	97.2		97.9	/ /	98.2	98.2	98.2			
≥ 700 ≥ 600	81.6		92.9	95.4	95.5		97.2		97.9		98 - 2				98.2	98.3
	31.9		92.9	95.4	95.5		97.2		97.9		98.3	98.3				
≥ 500 ≥ 400	81.6		93.0	95.5	95.8		97.6		98.3	98.3	98.7	98.7	98.9		1	
	81.6		93.0	95.5	95.8		97.9		98.7	98.7			99.3			
≥ 300 ≥ 200	81.0	91.5	93.0	95.5	95.8		97.9	98.9	98.9			99.3			1	
	31.6		93.0		95.8		97.9		98.9							100.0
≥ 100 > 0	81.6	_		95.5	95.8		97.9		98.9							100.0
≥ 0	81.6	91.5	93.0	95.5	95.8	96.7	97.9	98.9	98.9	98.9	99.3	99.3	99.7	99.9	77.7	100.0

TOTAL NUMBER OF OBSERVATIONS ____

713

CECRAL CLIMATOLOGY BRANCH CONFETAC AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14.42

BURLINGTON INTL VT

74-81

APC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEIL NG			-				VIS	BILITY ST	ATUTE MIL	ES						
(FEE')	≥ :0	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ : %:	≥1%	≥1	≥ 1⁄4	≥%	≥ v:	≥ 5/16	≥	≥c
NO CERING	71.7	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	47.4	51.9	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	47.4	51.9	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ .9000	47.4	51.9	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ '4000	47.6	52.2	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 2000	49.3	53.9	54.2		54.3	54.3	54.3		54.3	54.3	54.3	54.3	54 • 3	54.3	54.3	54.3
≥ 10000	51.4	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.5	,	56.5	56.5	56.5	56.5	56 • 5	56.5
≥ 9000	52.9	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	56.4	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.3
≥ 7000	58.8	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	61.8	67.8	69.1	68.3	68.3	63.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	4 • 6	71.7	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	66.3	74.2	74.6	75.1	75.1	75.1	75 • 1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	68.6	76.5	77.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500	71.7	81.3	81.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	73.3	84.3	85.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	74.6	86.1	87.4	88.8	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	69.2	789.2	89.2	89.2
≥ 2000	75.6	89.4	91.0	92.5	92.5	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	ç3.2	93.2	93.2
≥ 1800	75.6	89.4	91.1	92.9	92.9	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	75.7	89.7	91.5	93.5	93.6	94.Q	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.5
≥ 1200	75.7	90.4	92.4	94.6	95.0	95.4	96.0	96.0	96.0	96.1	96.1	96.1	96.1	95.1	96.1	96.1
≥ ,000	75.7	90.4	92.4	94.6	95.Q	95.4	96.Q	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	75.7	90.6	92.8	95.1	95.7	96.1	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	75.7	90.6	92.8	95.1	95.7	96.1	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	75.1	90.6	92.8	95.3	95.8	96.3	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	75.7	90.7	92.9	95.4	96.q	96.4	97.2	97.4	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	75.7	91.1	93.3	95.8	96.4	96.8	97.8	97.9	97.9	98.2	98.5	98.5	98.5	98.6	98.6	98.6
≥ 400	75.7	91.1	93.3	96.d	96.5	97.1	98.1	98.2	98.2	98.5	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	75.	91.1	93.5	96.3	96.8	97.5	98.5	98.6	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.5
≥ 200	75.7	91.1	93.5	96.3	96.8	97.5	98.5	98.6	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.6
≥ 100	75.1	91.1	93.5	96.3	96.8	97.5	98.5	98.6	98.6	99.2	99.4	99.4	99.6	99.9	99.9	99.9
≥ 0	75.7	91.1	93.5	96.3	96.8	97.5	98.5	98.6	98.6	99.2	99.4	99.4	99.6	99.9	99.9	100.0
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TOTAL NUMBER OF OBSERVATIONS

720

GLURAL CLIMATOLOGY BRANCH USAFETAC AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

74-81

APF

5759

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEIUNG							V15:	B.L.** 5T	ATUTE MILI	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ ፡ ⅓:	≥11/4	≥1	≥ ¾	≥%	≥ v.	≥ 5/16	≥%	≥c
NO CEIUNG ≥ 20000	35.4	40.1	40.2	40.5 46.5	40.3	40.3	40.4 46.6	40.4 46.6	40.4 46.6	40.4	40.4	40.4	40.5 46.7	40.5 46.7	40.5	46.7
≥ 18000 ≥ 18000	44.4	46.4			46.7	46.8	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8 47.0	46.5
≥ 14000 ≥ 12000	45.0 47.1	47.0	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
20000 ≤	49.1	51.4	51.5 52.4	51.7	51.7	51.7	51.7	51.7 52.6	51.7	51.7	51.7 52.6	51.7	51.8	51.8		51.9
≥ 8000 ≥ 7000	52.5	55.4	55.5		55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
≥ 6000 ≥ 5000	55.1 57.3	58.3	58.5	62.1	62.1	62.1	58.7 62.2	58.7 62.2	58.7 62.2	58.7	62.2	62.2	62.3	62.3	62.3	62.3
≥ 4500 ≥ 4000	64.3	70.2	70.5	70.8	70.8	73.9	70.9	70.9	70.9	70.9	70.9	70.9		71.0		71.1
≥ 3500	67.6	73.7		74.5	74.6	79.8	74.7	74.8	79.9	79.9	74.8	79.9	8C.0	60.0	0.06	80.1
≥ 3000	74.4	84.9	85.9	83.6	86.9	1	87.3	84.4		87.4	87.4	87.4	87.5	84.5	87.5	87.6
≥ 1800	77.5	87.6		89.4	90.3	90.0	90.3	90.4	90.4	90.5 91.1	90.5	90.5		90.6 91.2		
≥ 1500	77.8	88.6		91.1	91.6	92.0	92.5	92.7	92.7	92.8	92.8			92.9	92.9	
≥ ,000	78.3	90.2	91.4	92.9	93.5	94.1	94.7	95.0 95.6	95.0 95.6	95.2 95.8	95.2 95.8			-	95.3 95.9	
≥ 800	78.3 78.3	90.4	92.0		94.5	95.0 95.3	95.6 96.0	96.0		96.3	96.4					
≥ 600	78.3	90.5	92.2	94.4	94.8	95.6	96.3	96.8	96.8	97.2	97.4 98.0		97.5	97.5	97.5	
≥ 400	78.3 78.3	90.8	92.5	94.5	95.4	96.4	97.2	1	97.7	98.2	98.4	98.4	98.7	98.7	98.7	98.9
≥ 200	78 . 3	90.8	92.5	94.7	95.6	96.6	97.4	98.1	98.1	98.8	99.0	99.1		99.5	99.6	
≥ 100 ≥ 0	78.3	9û•8	92.5	94.7	95.6	96.6	97.4	98.1		98.8	99.1	99.2			1	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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1

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DELIAL CLIMATOLOGY BRANCH UNAFETAC AL HEATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

19742

BURLINGTON INTL VT

74-81

MAY

STATION

0000-0205

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V15	B. TY 57	ATUTE MILE	F 5						
(FEET)	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ . %	≥1%	≥1	≥ ¾	≥%	≥ ⊬:	≥5/16	2 4	≥c
NO CEILING	44.4	52.8	54.0	54.2	-4.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	46.2	55.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.3	57.0	57.0	57.0	57.0
≥ 18000	46.2	55.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16500	46.2	55.6	56.9	57.0	57.0	_57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ '4000	46.2	55.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ .5000	46.9	57.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.5	58 • 6	58.5	58.6	58.5
≥ :0000: ≤	50.4	62.0	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7
≥ 9000	51.9	64.0	65.3	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.9	65.9		65.9	65.9	65.9
≥ 8000	54.0	66.7	68.1	68.4	68.5	68.5		68.7	68.7	68.7	68.8	68.3		68.8	_	56.8
≥ 7000	57.8	72.2	73.8	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	58.7	74.1	75.7	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	_60 <u>-2</u>	77.7	79.7	80.1	80.2	80.2	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500	51.2	79.3	81.3	81.7	81.9	81.9	81.9	82.1	82.1	82.1	82.3				62.3	82.3
≥ 4000	51.8	81.6	83.7	84.3	84.5	84.5		84.9	84.9	84.9	85.1	85.1			85.1	85.1
≥ 3500	64.5	85.2	87.5		88.4	1		88.8		1	89.0					
≥ 3000	65.3	87.6	97.2		91.4		91.5				91.9			_	_	91.9
≥ 2500	56 • Q	89.4	91.9	92.9	93.1	1	93.5				94.0			94.0		94.0
≥ 2000	66.4	90.3	93.0	94.1	94.4						95.2				95.2	95.2
≥ '800	⊍6• 5	90.9	93.5	_	94.9		95.4		95.7	95.7	95.8					95.9
≥ 1500	66.8	91.5	94.6							96.9					97.0	
≥ 1200	66.8	92.1	95.3	96.6	96.9	97.Q	97.4	97.7	97.7	97.7	97.8				1	
≥ ,000	56.3	92.3	95.6	96.9	97.2			98.0		98.1	98.3					98.3
≥ 900	56.9	92.3	95.6	96.9	97.2	97.3	97.7	98.0	98.0	98.1	98.3		98.3	98.3	98.3	98.3
≥ 800	66.8	92.1	95.7	97.2	97.4	97.6					98.5					
≥ 700	66.5	92.3	95.7	97.3	97.6		98.1	98.4	98.4		98.7		98.7	98.7	98.7	98.7
≥ 600	66.5	92.3	95.1	97.3	97.6		98.1	98.4	98.4		98.7			98.7	98.7	
≥ 500	66.8	92.3	95.8	97.6	98.Q	98.1	98.7	98.9	98.9	99.1	99.2		99.2	99.2	99.2	99.2
≥ 400	66.4	92.3	95.8	98.0	98.4	98.5		99.3	99.3		99.6					99.6
≥ 300	66.5	92.3	95.8	98.Q	98.4	98.5	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7		99.7
≥ 200	66.4	92.3	95.8	98.0				99.5								99.7
≥ 100	66.4	92.3	95.8			98.5									100.0	
≥ 0	66.8	92.3	95.8	98.5	98.4	98.5	99.2	99.5	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS _______7

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

744

SLUBAL CLIMATOLOGY TRANCH STAFFTAC ATT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

74-31

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

030G-0500

CEILING		_					VIS	18.L.TY ST	ATUTE MIL	E5						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1⁄.	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ ∀:	≥ 5/16	≥ ¼	2¢
NO CEILING	41.5	47.4	48.5	49.2	49.3	49.3	40.3	49.3	49.3	49.3	49.3	49.3	49.5	49.5	49.6	49.7
≥ 20000	45.	51.7	_53.d	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.5	54.2	54.3
≥ 18000	45.0	51.7	53.0	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.2	54.3
≥ .9000	45.7	51.7	53.1	53.8	53.9		53.9	53.9	53.9	53.9	53.9	53.9	54.0		54.2	54.3
≥ 14000	45.4	52.2	53.4	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4		54.6	54.7
≥ :2000	47.4	54.6	55.8	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9			
≥ 10000	11.2	50.3	60.5	61.4	61.8	61.4	61.8		61.8	61.8	95.0	62.0		62.1	52.2	
≥ 8000	51.7	59.8	61.0	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.8	62.5		
≥ 8000	54.4	63.4	64.8	66.0	66.5	66.5	66.5		66.5		66.8	66.8			67.1	
≥ 2000	57.9	68.7	70.3	71.5	72.2	72.2	72.2	72.2	72.2	72.2	72.4		.72.6	72.6		
≥ 6000	59.7	71.2	72.8	74.1	74.7	74.7	74.7	74.7	74.7	74.7	75.0	75.3	75.1	75.1	75.3	75.4
≥ 5000	61.5	74.5	76.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.4	78.5	78.5	78.6	78.8
≥ 4500	62.8	75.8	77.6	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.8	79.8	90.0	80.1
≥ 4000	63.6	77.6	79.4	80.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9	81.9	82.0	82.0	82.1	62.3
≥ 3500	66.0	80.5	82.4	84.1	85.1	85.1	85.1	85.1	85.1	85.1	35.3	95,3	85.5	85.5	35.6	85.8
≥ 3000	68.8	84.4	87.1	89.1	90.1	90.2	93.2	90.2	90.2	90.2	90.5	93.5	90.6	90.6	60° 1	90.9
≥ 2500	69.8	86.0	88.7	90.9	91.8	91.9	91.9	91.9	91.9	91.9	92.2	92.2	92.3	92.3	92.5	92.6
≥ 5000	70.1	87.9	90.7	93.0	94.0	94.1	94.4	94.4	94.4	94.4	94.6	94.6	94.8	94.8	94.9	95.0
≥ 1800	71.1	88.3	91.1	93.4	94.4	94.5	94.8	94.8	94.9	94.8	95.0	95.0	95.2	95.2	95.3	95.4
≥ 1500	71.2	38.8	91.9	94.2	95.2	95.3	95.6	95.6	95.6	95.6	95.8	95.8	96.0	96.0	96.1	96.2
≥ 1200	71.2	88.8	92.3	94.6	95.7	95.8	96.1	96.1	96.1	96.1	96.4	96.4	96.5	96.5	96.6	96.8
≥ ≀000	71.2	89.1	92.7	95.0	96.1	96.2	96.5	96.5	96.5		96.8	96.8				
≥ 900	71.2	89.4	93.0	95.3	96.4	96.6	96.9	96.9	96.9	96.9	97.2	97.2		97.3	97.4	
≥ 800	71.2	89.5	93.3	95.6	96.6	96.9	97.2		97.2	97.2	97.4	97.4			97.7	97.8
≥ 700	71.2	89.5	93.4	95.7	96.8	97.0	97.3	97.3	97.3	97.3	97.6	97.6		97.7	97.8	
≥ 600	71.4	89.5	93.4	95.7	96.9	97.2	97.4	97.4	97.4	97.4	97.7	97.7			98.0	98.1
≥ 500	71.2	89.5	93.4	95.7	97.0	97.3	97.6	97.6	97.6	97.6	97.8	97.8	98.1	98.1	98.3	98.4
≥ 400	71.4	89.1	93.5	96.0	97.4	97.8	98.1	98.4	98.4	98.4	98.7	98.7	99.1	99.1	99.2	99.3
≥ י00	71.2	89.	93.9	96.1	97.6	98.0	98.3	98.5	98.5	98.5	98.8	98.8	99.2	99.2	99.3	99.5
≥ 100	71.2	89.7	93.5	96.1	97.7	98.1	98.5	98.8	98.8	98.9	99.2	99.2	99.6	99.6	99.7	99.9
≥ 100	71.2	. 89.7	93.5	96.1	97.7	98.1	98.5	98.8	98.8	99.1	99.3	99.3	99.7	99.7	99.9	100.3
≥ 0	71.2	89.7	93.5	96.1	97.7	98.1	98.5	98.8	98.8	99.1	99.3	99.3	99.7	99.7	30.0	190.9

TOTAL NUMBER OF OBSERVATIONS _____

744

GLUBAL CLIMATOLOGY BRANCH UCAFETAC AND REATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

14/42

BURLINGTON INTL VT

74-81

YAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2600-0800 Hours (La.T.)

CEILING							VIS	HBILITY ST	ATUTE MILI	Ē5						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ i %:	≥1%	ا≤	≥ ¾	≥ %	≥ ٧:	≥ 5/16	≥ %	≥c
NO CEILING	40.6	44.9	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	46.7
≥ 20000	46.7	51.7	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	53.0
≥ 18000	46.	51.7	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	53.0
≥ .9000	46.	51.7	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	53.0
≥ 14000	47.0	52.6	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	₹.4	53.4	53.4	53.4	53.8
≥ :2000	49.6	55.4	56.	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	_56 • 2	56.2	56.2	56.6
9000: ≤	32.2	58.3	59.Q	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.5
≥ 9000	33.0	59.3	59.9	59.9	59.9	59.9	60-1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	50.1	60.5
≥ 8000	57.7	65.2	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.7
≥ 7000	61.3	69.5	70.4	70.4		70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.1
≥ 6000	63.9	72.2	73.1	73.1		73.3	73.4		73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.3
≥ 5000	66.3	75.3	75.9	75.9		76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7
≥ 4500	67.5	76.3	77.3	77.3	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.2
2 4000	69.1	78.4	79.4	79.6	79.8	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	30.2	80.6
≥ 3500	71.5	81.7	82.8	82.9	83.2	83.2	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	84.0
≥ 3000	73.9	84.3	85.5		86.0	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.8
≥ 2500	75.3	86.Q	87.2	87.4	87.8	87.8	88.0		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.7
≥ 2000	76.7	88.6	89.8			90.5	90.9		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
≥ 1800	77.0	89.1	90.3	90.5	90.9	91.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.1
≥ 1500	77.8	89.9	91.3	91.4	91.8	91.9	92.5			92.9	92.9	92.9	92.9	92.9	92.9	93.3
≥ 1200	78.1	90.2	91.9	92.2	•	92.7	93.3	93.7		93.7	93.7	93.7	93.7	93.7	93.7	94.1
≥ 1000	79.6	91.5	93.7	94.0	94.5	94.6	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	96.1
≥ 900	78.6	91.7	93.8	94.5	95.0	- 1	95.8	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.8
≥ 800	79.6	91.7	93.8	94.5	95.Q	95.4	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.9
≥ 700	78.6	91.7	93.5	94.5	95.2	95.7	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	97.2
≥ 600	78.6	91.9	94.1	94.9	95.7	96.4	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	98.0
≥ 500	78.6	91.9	94.1	95.2	96.0	96.9	97.4	98.3	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.7
≥ 400	78.6	91.9	94.1	95.4	96.2	97.2	97.7	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	99.2
≥ 300	78.6	91.9	94.1	95.4	96.4	97.3	98.0	98.5	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.6
≥ 200	78.6	91.9	94.1	95.4	96.4	97.3	98.1	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.7
<u>> 100</u>	78.6	91.9	94.1	95.4	95.4	97.3	98.1	98.7	98.7	99.3	99.3	99.3	99.5	99.5	99.5	100.3
≥ 0	78.6	91.9	94.1	95.4	96.4	97.3	98.1	98.7	98.7	99.3	99.3	99.3	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS ____

744

SECHAL CLIMATOLOGY PRANCH USAFETAC ATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BUFLINGTON INTL VT

STATION NAME

74-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2930-1103

IFEE.)							v15-	B ** ST	ATUTE MIL	E\$						1
i l	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ - ½	≥1%	≥1	≥ %	≥ %	≥ ″	≥ 5/16	≥ %	≥ċ
NO CEILING	45.4	48.8	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	47.6	49.6
≥ 20000	51.1	<u>55.3</u>	55.5	55.9	55.9	55.9	55.9	<u>55.9</u>	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 18000	51.1	55.7	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	51.1	<u>55.0</u>	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	51.1	55.1	55.6	56.7	56.0	56.0	56.Q	56.0	56.0	56.0	56.0	56.0	56.0	55.0		
≥ ,5000	54 • Q	58.5	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	50.4	59.4	59.4	59.4
≥ 10000	56.7	61.3	61.8	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	52.5
≥ 9000	59.2	62.8	63.3	64.0	64.0	64.0	64.7	64.0	64.0	64.0	64.7	64.0	64.0	64 · C	54.0	6400
≥ 8000	U2 • 1	67.1	67.7	68•4	68.4	68.4	68.4	68.4	68.4	68.4	68 • 4	68.4	68.4	68.4	68.4	68.4
≥ 7900	63.9	69.5	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	64.8	73.4	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8		71.8	71.8	71.8	71.8	1 - 1
≥ 5000	66.9	73.3	73.9	74.6	74.6	74.6	74.6	74.6	74.6		74.6	74.6			74.6	
≥ 4500	60.4	75.8	76.5	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	71.9	78.9	79.6	80.2	80.4	813.4	80.4	80.4	80.4	80.4	80.4	80.4	30.4	80.4	30.4	50.4
≥ 3500	74.5	81.7	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	53.2	83.2	53.2
≥ 3000	79.6	87.2		88.6	89.1		89.4	89.4				89.4		89.4	49.4	
≥ 2500	1.1.6	89.5	90.2	91.3	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	82.4	90.6	91.4	92.5	92.7	93.0	93.3	93.3	93.3	93.3		93.3		93.3	93.3	-
≥ 1800	2.9	91.1	91.9	93.0	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.B	93.8	93.8	93.3
≥ 1500	04.1	92.6	93.4	94.5	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	34.4	93.3	94.2	95.4	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ .000	64.5	94.1	95.4	96.6	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	84.5	94.1	95.4	96.9	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	47.7
[≥ 800 [~4 . \$	94.2	95.6	97.0	97.3	97.7	98.0	98.0	98.0	98.0	98-0	98.0	98.0	98.0	98.0	98.3
≥ 700	34.5	94.4	95.7	97.2	97.4	97.8	98.1	98.1	98.1	98.1	95.1	98.1	98.1	98.1	98.1	98.1
≥ 600	٤4 <u>.</u> \$	94.5	95.8	97.4	97.7	98.1	98.5	98.5	98.5	98.5	98.5	S 8 . 5	98.5	98.5	98.5	98.5
≥ 500	4.5	94.6	96.1	97.7	98.0	98.5	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	84.5	94.6	96.1	97.7	98.0	98.5	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	39.5	99.5
≥ 300	84.5	94.6	96.2	97.8	98.1	98.7	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	97.6	99.6
≥ 200	34.5	94.6	96.2	97.8	98.1	98.7	99.9	99.9	99.9	100.d	100.0	100-0	100.0	100.0	100.0	1 00 • o
2 100	84.5	94.6	96.2	97.8	98.1	98.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.5	94.6	96.2	97.8	98.1	98.7	99.9	99.9	99.9	100.d	100.0	100.0	100.0	100.0	160.0	ուսը. Ո

ULCARL CLIMATOLOGY BRANCH UT FICTAC AL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

14:14:2

STRLINGTON INTL VT

STATION NAME

74-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 1200-14 HOURS (L.S.T.

CEIL NO							v 15:	B L TY ST	ATUTE MIL	ES						
(FEET)	≥ `\$	≥ 6	≥5	≥ 4	≥ 3	53%	≥ ;	≥ . У:	≥1%	7-1	≥ ¼	≥%	≥ 4.	≥ 5/16	2 4	≥,
NO CEUNG	-4.6	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46
≥ 20000	5"•3	52.6	52.5	52.8	53.0	53.0	53.0	53.0	53.0	53.C	53.C	53.0	53.0	53.6	53.0	53
≥ 18000	1.1	52.8	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53
≥ 16000	1.2	53.0	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53
≥ '4000	J1.5	53.2	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53
≥ 2000	54.7	56.6	56.4	56.9	57.q	57.q	57.0	57.0	57.0	57.0	57.0	57.U	57.0	57.0	57.0	57
≥ 20000	59.1	61.4	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.ü	62.0	62.0	52.0	62
≥ 9000	60.4	62.8	62.8	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63
≥ 9000	63.4	66.5	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	07.1	67
≥ 7000	∪5 • 6	69.2	69.2	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	65.8	69.3	69.8	69
≥ 6000	68.9	72.2	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72
≥ 5000	73.4	77.0	77.0	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77
≥ 4500	75.7	79.3	79.3	79.7	87.1	8J.1	3 • 1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	50.1	50
± 4000	73.4	82.1	82.1	32.5	82.9	82.9	82.9	82.9	82.9	82.9	62.9	82.9	82.9	82.9	52.9	8.2
≥ 3500	61.	86.0	86.2	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	97.0	87.0	e7.0	37.0	37
≥ 3000	- 54 • 4	89.8	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	₹1.1	31
± 2500	ë5∙6	91.8	92.3	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.4	03
≥ 2000	ಿ6 • ಭ	93.1	93.7	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	c 5
≥ '800	56.7	93.1	93.7	94 . 6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	y5.3	95
≥ 1500	36.3	93.7	94.2	95.2	96.Q	96.0	96.0	96.0	96.0	96.0	96.7	96.0	96.0	96.C	96.7	96
≥ 120C	36.4	94.	94.6	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	76.6	96
≥ .000	96.4	94.2	94.9	96.3	96.9	96.9	97.0	97.0	97.0	97.0	97.C	97.0	97.0	97.0	97.0	97
≥ 900	36.6	94.6	95.4	96.5	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.5	97
≥ 800	36.7	94.8	95.6	96.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97
≥ 700	86.7	94.9	95.7	96.9	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98
≥ 600	36.7	95.d	95.8	97.0	98.Q	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98
≥ 500	96.7	95.2	96.0	97.2	98.1	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
≥ 400	36.7	95.2	96.0	97.2	98.1	98.3	98.9	99.1			99.1	99.1	99.1	99.1	99.1	99
≥ 300	86.7	95.4	96.2	97.4	98.5	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99
≥ 200	56.7	95.4	96.2	97.4		98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	n o o
> 100	e6.7	95.4	96.2	97.4	98.5	98.8	99.7	100.0	100.0	100.0	100.0	100.7	100.0	103.0	100.0	100
<u> 2</u> 0	36.7	95.4	96.2	97.4		98.8		100.d	100.d	100.0	130.0	.00.0	100.0	100.0	i potel	100

TOTAL NUMBER OF OBSERVATIONS

AD-A113 224	BURLINGTON IAP, DEC 81	VERMONT. REVIS	CAL APPLICATIONS ED UNIFORM SUMMAR	CENTERETC F/G Y OF SURFACE WEA	4/2 ETC(11)
UNCLASSIFIED	USAFETAC/DS-82/	006	SB1-AD-E850 13	9 NL	
3 / 6					



GLORAL CLIMATOLOGY BRANCH LSAFETAC AI - HEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14/42

BURLINGTON INTL VT

74-81

YAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CEILNO							٧١S	B.LITY ST	ATUTE MILI	ES			_			
(FEET)	≥:0	≥6	≥ 5	≥ 4	≥3	≥2%	≥2	≥+%	≥1%	≥1	≥ ¾	≥ %	≥ 4:	≥ 5/16	≥ '4	≥0
NO CEILING	41.9	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 20000	48.0	5 Ú • 4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	48.0	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ .9000	48.1	50.5	50.7	50.7	50.7	53.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	48.3	5J.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.3
≥ :2006	51.4	53.6	53.9	53.9	53.9		53.9	53.9		53.9	53.9	53.9	53.9	53.9	53.9	
≥ 10000	56.5	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	58.9	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.8	61.8	61.8	61.8	61.8
≥ 8000	64.5	67.6	67.9	67.9	67.9		67.9	67.9	67.9	67.9	67.9	67.9		67.9	67.9	67.9
≥ 7000	68.0	71.4	71.5	71.5	71.5		71.5	71.5	71.5	71.5	71.5	71.5	71.5		71.5	71.5
≥ 6000	70.3	74.1	74.3	74.5	74.5		74.5	74.5	74.5	74.5	74.5	74.5		74.5	74.5	74.5
≥ 5000	75.1	79.3	79.6	79.7	79.7		79.7	79.7	79.7	79.7	79.7	79.7	79.7		79.7	79.7
≥ 4500	76.5	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3		82.3	82.3
≥ 400C	79.6	85.2	85.6	85.8	85.8		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	35.8	85.8
≥ 3500	ô3.1	89.1	89.5	89.8	89.8		89.8	89.8	89.8	89.8	89.8				89.8	89.8
≥ 3000	54.7	91.5	92.1	92.5	92.5		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	გ2.5	92.5	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	86.6	94.5	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	86.8	94.8	95.6	96 • Q	96.0		96.Q	96.q	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	86.8	95.0	96.0	96.8	96.9		96.9	96.9	96.9	96.9	96.9	96.9	96.9		96.9	96.9
≥ 1200	- 86 ⋅ 8	95.3	96.2	97.0	97.2		97.2	97.2	97.2	97.2	97.2	97.2		97.2	97.2	97.2
≥ ,000	86.8	95.8	96.8	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	86.8	96.0	96.9	97.7	98.0		98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	86.8	96.0	96.9	97.8	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	86.8	96.1	97.2	98.1	98.5	98.7	98.9	99.1	99.1	99.1	99.1	99.1		99.1	99.1	99.1
≥ 600	86.8	96.1	97.2	98.1	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	,,,,,		99.3	99.3
≥ 500	56.4	96.2	97.3	98.3	98.9		99.3	99.5	99.5	99.6	99.6	99.6		99.6	99.6	99.6
≥ 400	86.8	96.2	97.3	98.3	98.9		99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	86.8	96.2	97.3	98.3	98.9		99.3	99.7	99.7	100.0	100.0	100-0	100.0	100.0	100.0	
≥ 200	86.5	96.2	97.3	98.3	98.9		99.3	99.7	99.7	100.0	160.0	100.0	100.0	100.0		100.0
≥ 100	86.8	96.2	97.3	98.3	98.9		99.3	99.7		100.0	• • • • •			100.0		
≥ 0	86.8	96.2	97.3	98.3	98.9	99.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

GLERAL CLIMATOLOGY BRANCH FEETAC AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

89RLINGTON INTL VT

74-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1830-2303 HOURS (L.S.T.)

CEHING							viS	18:1:TY ST	ATUTE MIL	ES						
(FEET)	210	≥6	≥ 5	≥ 4	≥ 3	≥21/5	≥ 2	≥ : %	≥1%	≥1	≥ %	≥%	≥ %	≥ 5/16	≥ %	≥c
O CEILING	41.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.
≥ 2000C	49.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4		52.4	52.4	52.4	52.4	52.4	52 4
≥ 18000	49.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52
≥ 16000	49.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52
≥ '4000	49.9	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52
₹ .500C	51.2	53.8		54.2	54.2	54.2			54.2	54.2	54.2	54.2	54.2	54.2	54.2	54
≥ '20000' ≤	56.2	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59
≥ 620C	58.5	61.3	61.7	61.7	61.7				61.7		61.7	61.7	61.7	61.7	61.7	61
≥ 8000	55.5	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69
≥ 7000	69.7	73.7		74 - 1	74.1			74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74
≥ 6000	72.1	77.1	77.5	77.6			_	77.6	77.6		77.6	77.6	77.6	77.6	77.6	
≥ 5000	75.9	81.8		82.6				82.6	82.5							
≥ 4500	77.6	84.1	84.8	84.9				84.9	84.9		84.9	84.9		84.9	84.9	
≥ 4000	1 و 🗓 د	87.5		88.4				88.5	88.5							_
≥ 3500 ≥ 3000	31.7	89.6					91.d	91.0	91 · q		91.0			91.0		_
	83.3	91.6	-	93.0										93.4	93.4	93
≥ 2500 ≥ 2000	33.8	92.5	1	94 • 1		94.3	94.6		94.6		- 1			94.6	94.6	1
	34.1	93.0		94.7	95.0		95.7	95.7	95.7		95.7	95.7				
≥ 1800 ≥ 1500	84.1	93.3	94.6	95.1	95.6	- • -			96.2		96.2	96.2	96.2	96.2	96.2	96
	84.5	93.7	95.1	95.7	96.2			96.9	96.9		96.9		96.9	96.9	96.9	96
≥ 1200	84.5	94.2	95.8	96.4	96.9			97.7	97.7 98.0	97.8	- 1	97.8 98.1	97.8 98.1	97.8	97.8	97 98
	64.9	94.3	96.1		97.2		98.0			98.1	98.1				98.1	
≥ 900 ≥ 800	84.5	94.9	96.4	96.9	97.4	97.7	98.2		98.2		98.4	_ : .	98.4	98.4 98.4	98.4	98 98
	84.5	94.6	96.4	96.9		97.7	98.2	98.7	98.7	98.4	98.4		98.4	98.8	98.8	
≥ 700 ≥ 600				97.0		98.0	98.7		98.8					98.9	98.9	98
	84.5	94.6	96.5	97.2	98.0		98.8	98.8	99.1	98.9				99.2		
≥ 500 ≥ 400	84.5	94.1	96.6					99.2	99.2					99.3		
	34.5	94.1	96.6	97.4	98.2			99.6	99.6			99.7		99.7		_
≥ 300 ≥ 200	84.5	94.7					1 1 1 2	99.9			100.0					
	84.5	94.7	96.6		98.2			99.9			100.0					
≥ '00 ≤	34.5		96.6								100.0					r
	2704	, , , ,			70,2	,,,,,		7707	,,,,,		- 30 - 0	- 50 - 0	- 30 - 0	- 55 - 6	- 3 3 5 6	

JE FAL CLIMATOLOGY BRANCH COMPETAC AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 BIRLINGTON INTL VT

74-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L.S.T.)

CEU NO							¥1 5	(B:L:74 ST	ATUTE MIL	ES						
1986.1	≥10	≥6	≥ 5	≥ 4	≥3	53%	≥2	≥ . %	≥1%	≥1	≥ ¼	≥ %	≥ %:	≥ 5/16	≥ ¼	≥c
NO CEIUNG	47.	51.1	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.
≥ 20000	>C • 5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.D	56.0	56.0	56.0	56 • ე	56.0	
≥ 18000	50∙5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.D	56.0	56.D	56.0	56.0	56.0	56.
≥ '6000	50 • 9	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.7	56.D	56.D	56.0	56.0	56.0	56.0	56.
≥ 14000	50.9	56.0	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.
≥ 12000	52 • 6	58.3	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.
≥ 10000	54.1	61.3	61.8	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.
≥ 9000	56.5	63.2	63.7	64.0		64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.
≥ 8000	59.9	67.3	67.9	68.3	68.3	68.4	68.4	68.6		68.6	68.6	68.6	68.6	68.6	68.6	68.
≥ 7000	63.6	72.7	73.4	73.8		74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.
≥ 6000 ≥ 5000	65.5	75.8	76.5	76.9	76.9	77.1	77.1	77.2			77.2	77.2	77.2	77.2	77.2	77.
2 3000	68.4	80.2	81.2	81.9			82.1	82.2	82.2		82.2	82.2	82.2	92.2	82.2	82.
≥ 4500 ≥ 4000	69.4	82.2	83.5	84.2		_	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	34.5	64.
	71.4	84.6	86.4	87.2		87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.
≥ 3500 ≥ 3000	73 - 1	87.2	89.1	89.9	/5.4	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.
	75.0	90.0		93.0	,,,,,,	93.4	93.7	93.8	93.8	93.8	93.8		$\overline{}$	93.8		
≥ 2500 ≥ 2000	75.4	90.4	92.7	93.7	93.9	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
	75.1	91.1	93.8	94.7	95.4	95.5		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
≥ 1800	75.7	91.1	93.9	94.9	95.5	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.
	75.8	91.6	94.7	95.7	96.4	96.5	97.g	97.2	97.2	97.2	97.2	97.2	97.2		-	
≥ 1200	76 • 1	92.4	95.3	96.2	97.0	97.2	97.8	98.0	98.0	98.0	98.0	98.0	35 ° C		98.0	
	76.1	92.4	95.5	96.8	97.6	97.7	98.4	98.5	98.5	98.5	98.5	98.5	90	• 5		
≥ 900 ≥ 800	76.1	92.6	95.7	97.3	98.1	98.2	98.9	99.1	99.1	99.1	99.1	99.1	95	II.		99.
	76.1	92.6	95.7	97.	98.1	98.2	98.9	99.1	99.1	99.1	99.1	99.1	95.	_ _ 3	99.1	99.
≥ 700 ≥ 600	76.1	92.7	95.8	97.4	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2		95.2	99.2	
	76 • 1 76 • 1	92.1	95.8	97.4	98.4	98.5	99.1	99.2	99.2	99.2	99.2	99.2		99.2	99.2	99.
≥ 500 ≥ 400	76.1	92.1	95.8 96.0	97.4			99.2		99.3	99.3	99.5	99.5	99.3			
	76.	92.	96.0		98.5	98.7	99.1	99.5	99.5	99.9	99.9	99.9	99.9	99.5	99.5	
≥ 300 ≥ 200	76.1	92.1	96.0		98.8	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
		_ + 1				98.9					99.9					
≥ '00 ≥	76.	92.7	96.0				99.7	99.9	99.9	99.9	- 1 T	99.9			100.0	
ء ر	76.1	92.7	96 • ú	97.8	98.6	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	77.9	100.0	TOO.

741 TOTAL NUMBER OF OBSERVATIONS ___

GEOFAL CLIMATOLOGY BRANCH CHAFETAC AI FEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

74-81

MAY

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE

ALL HOURS (L.B.T.)

(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES TEILING (FEET) ≥ 5 ≥ 21/. ≥:% ≥1% ≥% ≥5/16 NO CEILING 53.1 53.6 48.5 > 18000 ≥ :6000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 8000 ≥ 7000 60.2 66.6 67.3 63.9 70.8 71.6 74.2 05.4 73.4 77.3 78.3 68.4 ≥ 4500 8. .0 33.6 83.9 83.9 83.9 84.0 84.0 84.0 84.0 84.0 84.1 84.1 84.1 84.1 84.1 84.1 83.1 71.9 ≥ 3500 85.1 86.3 88.3 89.7 74.4 ≥ 3000 88.3 76.5 ≥ 2500 89.8 91.4 ≥ 2000 78.6 91.1 92.7 78.8 93.1 ≥ 1800 91.5 79.4 92.1 93.9 92.5 79. 94.5 > 1200 ≥ 000 93.d 79. 95.1 79.4 93.1 95. 95.4 > 800 79.4 93.4 700 79. 93.3 95.5 79. 93.3 95.5 95.6 79. 93.4 500 95.7 400 79.4 93.4 97.1 98.1 98.5 99.1 99.4 99.4 99.5 99.6 99.6 99.6 99.6 99.7 99.7 97.1 98.1 98.5 99.2 99.5 99.5 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.9 97.1 98.1 98.5 99.2 99.5 99.5 99.7 99.8 99.8 99.9 99.9 99.9 100.0 79.4 93.5 95.7 300 > 200 93.5 95.7 79.4 79.4 100 97.1 98.1 98.5 99.2 99.5 99.5 99.7 99.8 99.8 99.9 99.9 99.9 99.9 95.7

TOTAL NUMBER OF OBSERVATIONS ____ 5947

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14/42

SURLINGTON INTL VT

73-80

JUN

ATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 Hours (L.s.v.)

CELING							٧١S	BILLITY ST	ATUTE MIL	E S	_					
IFEET)	≥ 1C	≥6	≥ 5	≥4	≥ 3	≥2%	≥ 2	≥+%	≥1%	≥1	≥ ¾	≥%	≥ ∀:	≥ 5/16	≥ %	≥0
NO CEIUNG ≥ 20000	35.3 37.2	47.5 5J.4		51.5 55.4	51.5 55.4			-	51.9 55.8		52.4 56.3		, ,	52.4 56.3	52.5 56.4	52.6 56.5
≥ 18000 ≥ 18000	37.2 37.2	50.4 50.4	53.8 53.8	55.4 55.4	55.4 55.4	55.6	55.8	55.8		56.1	56.3 56.3	56.3	56.3	56.3 56.3	56.4	56.5 56.5
≥ 14000 ≥ 12000	37.2 37.8	50.6 52.6	53.9	55.7 58.5	55.7 58.5	55.8	56.1	56.1 58.9	56.1	56.4	56.5	56.5	56.5	56.5	56.7	56.8
≥ 10000 ≥ 9000	40.4	56.9	61.3	63.9	64.0	64.2	64.4	64.4	64.4	64.7	64.9	64.9	64.9	64.9	65.0	65.1
≥ 8000	41.3	57.8 64.2	62.1	72.5	72.6			73.3	65.3 73.3					73.9	74.0	
≥ 7000	45.7	67.1	72.6	76.5	76.7	76.8		77.4 80.1		77.8 80.6	77.9	77.9	77.9 80.7	77.9 80.7	78.1 86.8	78.2 81.0
≥ 5000 ≥ 4500	49.2	71.8		- 1	81.8	81.9				83.2		83.3	83.3		63.5 84.6	93.6
≥ 4000	49.9	73.5	77.6	84.1	84.2	84.3	85.0	85.3	85.3	85.7	85.8	85.8	85.8	85.8	86.0	86.1
≥ 3500 ≥ 3000	51.1 51.8	75.8 77.1	81.9 84.0	86.4 89.0	86.5 89.3	86.7 89.4	87.5 90.3	87.8 90.6	87.8 90.6	86.2 91.0	88.3 91.1	88.3 91.1	88.3 91.1	91.1	88.5 91.3	
≥ 2500 ≥ 2000	52.4 52.5	78.5	85.8	91.0 92.2	91.3	91.4	92.2 93.6	92.5 93.9	92.5 93.9		93.1	93.1	93.1 94.4	93.1 94.4	93.2 94.6	93.3
≥ 1800 ≥ 1500	52.3 52.8	79.7	87.5	92 • 8 93 • 1	93.1	93.3	94.2		94.4 95.1	94.9	95.7	95.3	95.3	95.3	95.1	95.3
≥ 1200 ≥ .000	52.5	80.6	88.2	93.5	94.2	94.4	95.3	95.7	95.7	96.1	96.3	96.3	96.4	96.4	96.5	
≥ 900 ≥ 800	52.9 52.9	81.0	89.3	94.9	95.7 96.0	96.0	96.8	97.2		97.6	97.5	97.9	98.1	98.1	98.2 98.5	98.3
≥ 700	52.9	81.1	89.6	95.4	96.3	96.5	97.4	97.0	97.8	98.2	99.5	98.5	98.6	98.6	98.8	98.9
≥ 500	52.4 52.4	81.1	89.7	95.6 95.6	96.4	96.7	97.5	97.9	98.1	98.5	98.6	98.6	98.9	98.9	98.9 99.0	99.2
≥ 400	52.8 52.8	81.1	89.1	95.7	96.9	96.4	97.6	98.4	98.2	98.6	98.9	98.9	99.0		99.2	99.7
≥ 200	52.5 52.8	81.3	89.9	96.1	96.9	97.2	98.1	98.4	98.6			99.3				99.9
> '00 > 0	52.4	81.3	89.9	7	96.9			98.4						_		10 0 .0

TOTAL NUMBER OF OBSERVATIONS ______ 720

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS SENTIONS OF THIS FORM AND OLYGICTE

GLUBAL CLIMATOLOGY BRANCH UTAFETAC AT WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

15742

BURLINGTON INTL VT

73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J330-0500

HOURS (L.S.T.)

CEIUNG							vis	ABILITY ST	ATUTE MILI	ES						
(FEET)	······ <u>r</u>															
	≥ 10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥:%	≥1%	≥1	≥%	≥%	≥ ∨:	≥ 5/16	≥ '4	≥0
NO CEILING	33.1	41.4	43.3	45.4	45.4	45.8	46.4	46.4	46.4	46.4	46.5	46.5	46.9	46.9	46.9	47.4
≥ 20000	37.4	46.8	49.	51.5	51.5	51.9	52.5	52.5	52.5	52.5	52.6	52.6	53.1	53.1	53.1	53.5
≥ 18000	37.4	46.8	49.	51.5	51.5	51.9	52.5	52.5	52.5		52.6	52.6	53.1	53.1	53.1	53.5
≥ :6000	37.4	46.8	49.3	51.5	51.5	51.9	52.5		52.5		52.6	52.6	53.1	53.1	53.1	53.5
≥ 14000	38.2	48.1	50.3	52.8	52.8	53.2	53.8		53.8		53.9	53.9	54.3	54.3	54.3	54.7
≥ .5000	39.1	50.1	52.9	55.3	55.3	55.7	56.3	,	56.3		56.4	56.4	56.8	56.8	56.9	57.2
2 10000 ≤	41.3	52.9	56.0	58.5	58.5	58.9	59.4	59.4	59.4		59.6	59.6	60.0	60.0	60.0	60.4
	42.1	53.8	56.8	59.3	59.3	59.7	60.3	60.3	60.3		6C-4	60.4	60.8	60.8	60.8	61.3
≥ 8000 ≥ 7000	46.g	59.4	62.8	65.6	65.7	66.1	66.9		66.9	66.9	67.1	67.1	67.6	67.6	67.6	68 - 1
	47.8	62.2	65.8	68.9	69.0	69.4			70.3	70.4	70.6	70.6	71.1	71.1	71.1	71.5
≥ 6000 ≥ 5000	48.9	64.2	68.1	71 - 3	71.4	71.8	72.6		72.6	72.8	72.9	72.9	73.5	73.5	73.5	73.9
	49.1	66.1	73.1	73.5	73.6	74.0	74.9		74.9	75.0		75.1	75.7	75.7	75.7	76.1
≥ 4500 ± 4000	51.1	68.3	72.6	76.1	76.3	76.7	77.5		77.5	77.6	77.8	77.B	78.3	78.3	79.3	78.8
	52.6	71.1	75.6	79.2	79.3	79.7	80.6		80.6	80.7	80.8	80.9	81.4	81.4	81.4	81.8
≥ 3500 ≥ 3000	53.6	73.2	79.6	81.4	81.7	82.1	83.1	83.1 85.3	83.1	85.4	85.6		83.9 86.1	83.9	83.9	84.3
≥ 2500	55.1	76.9	81.7	85.7	86.1	86.5	85.3		85.3	87.6	87.8	85.6	88.3	86.1	88.3	86.5
2 2000	56.7	79.6	84.4	88.6	89.0	89.4	90.4		90.4	90.6		90.7	91.3	91.3	91.3	91.7
≥ 1800	56.4	79.7	84.6	88.8	89.2	89.6	90.6		90.6	90.7	90.8	90.8	91.4	91.4	91.4	91.8
≥ 1500	57.2	80.6	85.6	89.7	90.1	90.6		91.7	91.7	91.8	91.9	91.9	92.5	92.5	92.5	92.9
≥ 1200	57.2	80.7	85.7	90.0	90.4	90.8	91.9		91.9	92.1	92.2	92.2	92.8	92.8	92.8	93.2
≥ ,000	57.2	81.1	86.3	90.7	91.4	91.9	93.2		93.3	93.5	93.6	93.6	94.2	94.2	94.2	94.6
≥ 900	57.4	81.4	86.5	91.0	91.7	92.2	93.5	93.6	93.6	93.8		93.9	94.4	94.4	94.4	94.9
≥ 800	57.4	81.4	86.8	91.4	92.2	92.8	94.0	94.2	94.2	94.3	94.4	94.4	95.0	95.0	95.0	95.4
≥ 700	57.5	81.5	87.1	91.8	92.6	93.2	94.4	94.6	94.6	94.7	94.9	94.9	95.4	95.4	95.4	95.8
≥ 600	57.6	81.7	87.5	92.4	93.2	93.8	95.0	95.1	95.1	95.6	95.7	95.7	96.3	96.3	96.3	96.7
≥ 500	57.6	81.7	87.5	92.5	93.6	94.3	95.8	96.1	96.1	96.7	96.8	96.8	97.4	97.4	97.4	97.8
≥ 400	57.6	81.7	87.5	92.5	93.6	94.3	95.8	96.1	96.3	96.9	97.1	97.1	97.6	97.6	97.6	98.1
≥ 300	57.6	81.7	87.5	92.5	93.8	94.4	96.0	96.5	96.7	97.4	97.5	97.5	98.1	98.1	98.1	98.5
≥ 200	57.6	81.7	87.5	92.9	94.2	94.9	96.7	97.4	97.5	98.2	98.3	98.3	98.9	98.9	99.0	99.4
≥ 100	57.6	81.7	87.5	92.9	94.2	94.9	96.8	97.5	97.6	98.3	98.5	98.5	99.3	99.3	99.4	99.9
≥ 0	57.6	81.7	87.5	92.9	94.2	94.9	96.8	97.5	97.6	98.3	98.5	98.5	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS ______

GL. PAL CLIMATOLOGY BRANCH USAFETAC AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-42

BURLINGTON INTL VT

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE

3600-0800

HOURS (L.S.T.) (FROM HOURLY OBSERVATIONS)

CELLING							viS	iBikiTY ST.	ATUTE MIL	ES .						
(FEET)	≥ ;0	≥6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥ , %	21%	≥1	≥ %	≥%	≥ ∀:	≥5/16	2 %	≥0
NO CEILING	34.4	43.0	41.0	42.1	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.5	43.5	43.6	43.6
≥ 20000	37.5	44.6	46.1	47.1	48.5	49.0	49.2	49.2	49.2		49.2	49.2	49.4	49.4	49.6	49.6
≥ 18000	37.5	44.6	46.7	47.1	48.5	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.6	49.6
≥ 16000	37.5	44.6	46.0	47.1	48.5	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.6	49.6
≥ 14000	33.3	45.7	47.1	48.2	49.6	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.6	50.6	50.7	50.7
≥ :2000	39.7	47.2	48.6	49.7	51.5	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.8	52.€
2 10000	41.3	50.1	51.8	53.1	55.0	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.3	56.3	56.4	56.5
≥ 9000	41.5	50.8	52.6	53.9	55.8	56.7	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.2	57.4
≥ 8000	45.7	56.4	58.2	59.4	61.5	62.4	62.8	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.2	63.3
≥ 7000	47.6	59.4	61.3	62.5	64.6	65.4	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	66.3	66.4
≥ 6000	49.6	62.2	64.d	65.4	67.5	68.3	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.2	69.3
≥ 5000	51.1	64.9	66.7	68.3	70.4	71.3	71.7	71.7	71.7	71.8	71.8	71.8	72.1	72.1	72.2	72.4
≥ 4500	52.1	66.9	68.8	70.6	72.6	73.5	73.9	73.9	73.9	74.0	74.0	74.0	74.3	74.3	74.4	74.6
≥ 4000	55.3	69.7	71.5	73.3	75.6	76.4	76.9	76.9	76.9	77.1	77.1	77.1	77.4	77.4	77.5	77.6
≥ 3500	57.1	71.7	73.5	75.7	78.1	78.9	79.6	79.6	79.6	79.7	79.7	79.7	80.0	80.0	80.1	80.3
≥ 3000	58.6	<u> 74.2</u>	76.3	78.6	81.0	81.8	82.9	82.9	82.9	83.1	83.1	83.1	83.3	A3.3	83.5	83.6
≥ 2500	59.6	75.3	77.5	80.0	82.4	83.2	84.3	84.3	84.3	84.4	84.4	84.4	84.7	84.7	84.9	85.0
£ 2000	52.6	79.6	82.2	84.9	87.5		89.6	89.6	89.6	89.7	89.7	89.7	9^.0	90.0	90-1	90.3
≥ '800	62.6	79.7	82.4	85.1	87.8	88.6	89.9	89.9	89.9	90.0	90.0	90.0	90.3	90.3	90.4	90.6
≥ 1500	63.5	80.6	83.2	86.0	88.8	89.6	91.0	91.0	91.0	91.1	91.1	91.1	91.4	91.4	91.5	91.7
≥ 1200	63.9	81.3	84.7	87.1	89.9	90.7	92.1	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.8	92.9
≥ ،000	64.1	81.7	84.4	87.5	90.4	91.3	92.6	92.8	92.8	92.9	92.9	92.9	93.2	93.2	93.3	93.5
≥ 900	64.2	81.8	84.6	87.6	93.6	91.4	92.8	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.5	93.6
≥ 800	64.2	82.1	84.9	88.1	91.0	91.8	93.3	93.5	93.5	93.8	93.8	93.8	94.0	94.0	94.2	94.3
≥ 700	64.2	82.2	85.1	88.5	91.4	92.2	93.8	93.9	93.9	94.3	94.3	94.3	94.6	94.6	94.7	94.9
≥ 600	64.4	82.6	85.4	88.9	91.9	92.9	94.9	95.0	95.0	95.4	95.4	95.4	95.7	95.7	95.8	96.0
≥ 500	64.4	82.6	85.6	89.3	93.1	94.0	96.5	96.7	96.7	97.1	97.1	97.1	97.4	97.4	97.5	97.6
≥ 400	64.4	82.6	85.7	89.7	93.5	94.4	96.9	97.2	97.2	97.8	97.9	97.9	98.2	98.2	98.3	98.5
≥ 300	64.6	82.8	85.8	89.9	93.6	94.7	97.2	97.6	97.6	98.5	98.6	98.6	98.9	98.9	99.0	99.2
≥ 200	64.6	82.8	85.8	90.0	93.8	94.9	97.4	97.8	97.8	98.9	99.2	99.2	99.4	99.4	99.6	99.7
> 100	64.6	82.6	85.8	90.0	93.8	94.9	97.4	97.8	97.8	98.9	99.2	99.2	99.4	99.4	99.7	99.9
≥ 0	64.6	82.8	85.8	90.0	93.6	94.9	97.4	97.8	97.8	98.9	99.2	99.2	99.4	99.4	99.7	100.C

TOTAL NUMBER OF OBSERVATIONS __

720

SECRAL CLIMATOLOGY BRANCH SCAFETAC A: SEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19742

BURLINGTON INTL VT

73-80

JUN

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J930-1105

CEILING							vi\$	(8 L-7∀ - 51	ATUTE MILI	ES						
(FEE*)	≥10	≥6	≥ 5	24	≥ 3	≥ 2 %	≥2	≥.%	≥1%	ا چ	≥ %	≥%	≥ %	≥ 5/16	2 %	≥c
NO CEILING	34.7	41.8	42.9	43.2	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.C	44.0	44.
≥ 20000	38.3	46.9	48.3	48.4	50. d	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	38.3	46.9	48.3	48.8	57.0	50.4	50.4	50.4	50.4	50.4	5C.4	50.4	50.4	50.4	50.4	50.4
≥ .900¢	38.1	46.9	48.3	48.8	50•0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ '4000	38.3	46.9	48.3	49.8	50.d	50.4	50.4	50.4	50.4	50.4	5C.4	50.4	50.4	5C.4	50.4	50.4
≶ .300C	40.3	50.4	52.1	52.5	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ '20000	42.9	54.2	56.3	57.1	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.
≥ 9000	44.3	56.1	58.6	59.4	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
≥ 8000	48.1	61.3	63.d	64.6	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.
≥ 7000	49.2	63.1	65.6	66.7	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6
≥ 6000	57.4	64.9	67.4	68.5	69.9	70.3	70.3	70.3	70.3	70.3	70.3	73.3	70.3	79.3	70.3	70.4
≥ 5000	51.4	66.9	69.4	70.6	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 4500	52.5	67.8	70.4	71.5	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5
≥ 400 0	54.9	70.7	73.5	74.6	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.
≥ 3500	57.6	74.5	76.8	78.1	79.6	80.1	80.1	80.1	80.1	8D.1	80.1	80.1	80.1	80.1	80.1	80.
≥ 3000	60.6	78.2	81.4	82.6	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 2500	61.	80.8	84.C	85.7	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.
≥ 2000	63.6	83.8	87.1	88.9	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.
≥ 1800	63.6	34.0	87.5	89.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.
≥ 1500	64.6	85.4	88.9	90.7	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.
≥ 1200	65.4	87.6	91.1	93.3	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.
≥ ≀000	65.4	87.6	91.3	93.6	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.
≥ 900	65.4	87.8	91.4	93.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 800	65.8	88.4	92.1	94.6	96.9	97.6	97.6	97.6		97.6	97.6	97.6	97.6	97.6	97.6	97.8
≥ 700	65.8	88.5	92.5	95.0	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 600	65.5	88.5	92.6	95.1	97.8	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 500	65.9	88.6	92.8	95.4	98.1	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.7	99.7		99.
≥ 400	65.8	88.6	92.8	95.4	98.1	98.8	99.2	99.4	99.4	99.7	99.9		99.9	99.9	99.9	100.0
≥ 300	65.8	88.6	92.8	95.4	98.1	98.8	99.2	99.4	99.4	99.7	99.9	99.9	99.9	99.9		100.1
≥ 200	65.8	88.6	92.8	95.4	98.1	98.8	99.2	99.4	99.4	99.7	99.9	99.9		-	99.9	100.3
> 100	65.8	88.6	92.6	95.4	98.1	98.8	99.2	99.4	99.4	99.7	99.9	99.9	99.9	99.9		100.0
≥ 0	65.8	88.6	92.8	95.4	98.1	98.8	99.2	99.4	99.4	79.7	99.9					

TOTAL NUMBER OF OBSERVATIONS ___

723

BLUPAL CLIMATOLOGY BRANCH USAFETAC AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19742

BURLINGTON INTL VT

73-80

JUN

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12JC-14CG

VISIBILITY STATUTE MILES IFEE's ≥ 1 ≥ % ≥ 5/16 ≥ (% ≥1% 35.4 NO CERIN 41.7 41.8 42.8 42.9 42.9 ≥ 20000 41. 49.6 49.4 41. 49.4 49.6 > 18000 ≥ 16000 49.6 41. 49.4 49.9 ≥ 14000 42.1 49.7 ≥ '2000 44. 53.5 53.8 49. 58.6 ≥ 9000 49. 53. > 8000 64.7 7000 55. 67.4 70.7 ≥ 6000 ≥ 5000 56. 69.6 58.6 72.4 71.3 50 . I 73.3 ≥ 4000 78.4 63. 56. 79.9 81.5 3500 86.1 3000 68.8 83.8 70.1 85. 88.3 2500 2000 95.3 71.1 87.5 90.1 92.9 94.7 95.1 93.9 95.8 96.3 71. 87.6 90. 91. 1500 71. 88.5 97.2 97.9 96.8 97.5 72. 88.9 91. 94.4 1200 > .000 95.0 72. 89.3 92. 72. 92.7 95.3 97.8 98.2 89. ≥ 900 800 89.4 95.3 97.8 98.2 72. 92.2 95.4 98.2 98.6 98.3 98.8 2 700 72. 89.6 92. 99. a 99.2 92.4 72. 89.4 98.9 72. 89.6 92. 95. 98.9 500 <u>≥</u> 95.4 98.5 98.9 99.4 99.7 - 99.71.00.d1.00.d1.00.d1.00.d1.00.d1.00.d1.00.d 400 72. 89.6 92.4 95.4 98.5 98.9 95.4 98.5 98.9 99.7 72. 92. 99.7100.0100.0100.0100.0100.0100.0100.0 89.6 99.4 300 92.4 200 72.1 99.4 - 99.7| 99.7|100.0|100.0|100.0|100.0|100.0|100.0|100.0 89.6 99.7 92. 95.4 89.6 98.5 98.9 99.4 99-7100-0100-0100-0100-0100-0100-0 72. 98.5 99.4 99.7| 99.7|100.0|100.0|100.0|100.0|100.0|100.0| 92. 95.4 98.9 72. 89.6

TOTAL NUMBER OF OBSERVATIONS _______ 720

CLUBAL CLIMATOLOGY BRANCH SEFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

STATION NAME

73-80

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CEUNG		_ 					VIS	BLUTY ST	ATUTE MIL	E S						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥:%	≥14	≥1	≥ ¥	≥ %	≥ v	≥5e	≥ ′a	≥¢
NO CEILING	39.7	43.8	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.
≥ 20000	45.7	51.8	51.9	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.
≥ 18000	45.4	52.1	52.2	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.
≥ .9000	45.8	52.1	52.2	52 • 6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.
≥ 14000	46.0	52.2	52.4	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.
≥ :2000	48.2	55.1	55.3	55.7	55.8	56.0	56.0	56.0	56.0	56.0	_56 • ຕ	56.0	56.0	56.0		56.
2 10000	51.0	58.8	59.6	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.
≥ 9000	52.9	60.7	61.5	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.
≥ 8000	58.6	67.4	68.2	69.4	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	79.1	70.
≥ 7000	60.4	69.4	70.4	71.8	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.
≥ 6000	61.7	71.3	72.4	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.
≥ 5000	54.4	74.4	75.6	76.9	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.
≥ 4500	06.4	77.4	78.6	80.0	80.7	80.8	80.8	80.8	80.9	80.8	80.8	80.8	80.8	80.8	83.8	80.
≥ 4000	69.2	81.8	83.1	84.7	86.0	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.
≥ 3500	71.5	84.3	85.6	87.2	88.5	88.6	88.9	88.9	88.9	89.0	89.C	89.0	89.0	89.0	89.0	89.
≥ 3000	73.1	86.8	88.2	90.1	91.4	91.5	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.
≥ 2500	74.2	88.8	90.3	92.4	93.6	93.8	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.
≥ 2000	74.7	89.6	91.1	93.6	94.9	95.3	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.
≥ 1800	74.9	89.7	91.3	93.8	95.0	95.4	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.
≥ 1500	74.9	89.9	91.5	94.0	95.3	95.7	96.7	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.
≥ 1200	75.1	90.1	91.9	94.7	96.1	96.5	97.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.
≥ ,000	75.1	90.4	92.1	95.0	96.7	97.5	98.6	98.8	98.8	99.0	99.D	99.0	99.0	99.0	99.0	99.
≥ 90 0	75.1	90.4	92.1	95.1	96.8	97.6	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2		99.
≥ 800	75.1	90.4	92.1	95.3	96.9	97.8	98.9	99.U	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.
≥ 700	75.1	90.4	92.1	95.3	96.9	97.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.
≥ 600	75.1	90.4	92.1	95.3	96.9	97.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.
≥ 500	75.1	90.4	92.1	95.1	96.9	97.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.
≥ 400	75.1	90.4	92.1	95.3	96.9	97.9	99.0	99.3	99.3	99.6						99.
≥ 300	75.1	90.4	92.1	95.3	96.9	98.1	99.3	99.6	99.6	99.9	99.9			1	100.0	
≥ 200	75.1	90.4	92.1	95.3	96.9	98.1	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.
≥ 100	75.1	90.4	92.1	95.1	96.9	98.1	99.3	99.6		99.9	99.9	99.9	99.9	100.0	130.0	100.
≥ 0	75.1	90.4	92.1	95.3	96.9	98.1	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.

720 TOTAL NUMBER OF OBSERVATIONS _

BLOSAL CLIMATOLOGY BRANCH CSAFETAC

AT MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19742

BURLINGTON INTL VT

73-80

JUN

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-0000 HOURS (L.S.T.)

CEILNG							vi\$	IB:L:*∀ ST	ATUTE MIL	LES						
(FEET)	≥ 0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ ۱%	≥1%	≥1	≥ %	≥ %	≥ ∀:	≥ 5/16	2 %	≥د
NO CEIUNG ≥ 20000	36.7	49.3	43.6		41.1		1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ +8000	44.3	49.4	49.4		50.3	50.3	50.3	50 • 1 50 • 3	50.1 50.3		50.1		50.1	50.1	50.1	50.1
≥ 16000	44.3	49.4	49.6		50.3	50.3				i .			1			
≥ '4000	44.3	49.4	49.6		50.3	50.3	50.3		50.3					50.3		50.3
≥ .5000	46.3	52.1	52.2		52.9				52.9		52.9					1 1
> 10000	50.6	57.2	57.6		58.5			58.5	58.5		58.5			58.5		
≥ 900C	51.9	58.6	59.0	1	59.9		1					l				1 1
≥ 800C	56.3	64.7	65.1	65.8	66.1		66.1	66.1	66.1		66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	63.0	69.d		1 - 7	73.7					70.8					t .	1 1
≥ 6000	61.1	71.7	72.2		73.3	73.3	73.5									
≥ 5000	05.3	76.3	76.9	1	78.3	78.3	78.5				1	_				1 1
≥ 4500	68.2	80.1	80.8		82.5	82.5						_			32.8	
≥ 4000	73.0	83.3	84.2		86.1	86.1	1 1	86.7		J						
≥ 3500	72.5	86.7	87.5		89.6			90.1				90.1	90.1	90.1	90.1	90.1
≥ 3000	74 . d	88.9	90.3	91.5	92.8									93.5		
≥ 2500	74.4	90.0	91.5	92.9	94.2										94.9	
≥ 2000	74.4	90.6			95.3	95.3	95.8		96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	74.6	91.0	92.8	94.3	95.7	95.7	96.3	96.4	96.4	96.5			96.5	96.5	96.5	96.5
≥ 1500	75.4	92.2	94.0	95.6	96.9	96.9	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	75.3	92.6	94.4	96.0	97.4	97.5	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ .000	75.3	92.6	94.4	96.0	97.4	97.5	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	75.3	92.8	94.6	96.1	97.6	97.8	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	75.3	92.8	94.6	96.1	97.6	97.8	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	75.3	92.9	94.7	96.3	97.8	97.9	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	75.	92.9	94.7	96.3	97.8	97.9	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	75.3	92.9	94.7	96.3	97.8	97.9	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	75.3	92.9	94.7	96.4	97.9	98.1	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	75.3	92.9	94.7	96.4	97.9	98.2	98.9	99.9	99.9	100.0	100.0	130.0	100.0	100.0	100.0	100.0
≥ 200	75 • \$	92.9	94.1	96.4	97.9	98.2	98.9	99.9		100.0						
≥ 100	75.3	92.9	94.7	96.4	97.9	98.2		99.9		100.0				_		
≥ 0	75.3	92.9	94.7	96.4	97.9	98.2	98.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.3

72. TOTAL NUMBER OF OBSERVATIONS

BLUGAL CLIMATOLOGY BRANCH LIFETAC AT - REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14.42 BURLINGTON INTL VT

STATION NAME

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300 Hours (L.s.Y.)

CEILNO							VIS	.B:(*v - ST.	ATUTE MILI	ES						
(PEET)	≥ 10	≥6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥ . %	≥1%	≥'	≥ ¼	≥ %	≥ v	≥ 5/16	24	≥0
NO TEILING	38.6	45.7	47.5	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.5	48.6	48.5	48.5	48.6
≥ 20000	41.3	49.4	51.3	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 18000	41.3	49.6	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ .9000	41.3	47.6	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.5
≥ '4000	41.3	49.6	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 2000	42.2	50.6	52.5	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8			53.8	53. R	53.≎
2 10000	45.4	56.3	58.9	59.9	60.7	60.7	60.8	60.8	60.8	60.8	60.8	66.8	6C.8	60.8	60.8	60.8
≥ 9000	46.5	57.4		61.1	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 8000	50.7	63.5		67.8	68.6		58.8	68.8		$\overline{}$	68.9			69.9	68.9	66.9
≥ 7000	54.4	68.5		72.8	73.6						73.9		1	73.9	73.9	73.9
≥ 6000	56.7	71.1		75.7	76.5			76.7	76.7	76.8	76.8	76.9	76.8	76.8	76.8	76.8
≥ 5000	59.1	74.2		79.0	79.9			80.0			80.1	80.1	80.1	90.1	80.1	1
≥ 4500	60.0	77.1	80.4	82.2	83.1		83.5	83.5						83.6		33.6
≥ 4000	61.3	79.7	83.5	85.3	86.7	1					87.5		87.5			87.5
≥ 3500	62.6	81.9		87.5	88.9		89.6	89.6	89.6	89.7	89.7			89.7	89.7	89.7
≥ 3000	64.4	84.0		90.3	91.7						92.5			92.5		
≥ 2500	64.6	84.4	88.9	90.8	92.6		93.3	93.5			93.6			93.6		93.6
≥ 2000	64.7	85.1	89.6		93.8						94.9			94.9		
≥ 1800	54.0	85.7	90.1	92.5	94.3	94.4	95.1	95.3			95.4			95.4	95.4	
≥ 1500	5.d	86.9		93.8	96.1	96.3	96.9			97.2	97.2	- 1		97.2	97.2	
≥ 1200	55.1	87.4	92.1	94.6	97.1	97.2		98.1		98.2	98.2			98.2		98.2
≥ ,000	5.3	88.1	1	95.4		98.2				l .	99.2			99.2		
≥ 900	<u>05.</u> 3	88.2		95.6	98.2	98.3	99.2				99.4			99.4		
≥ 800	65.3	88.2		95.6	98.2		99.2							99.4	-	
≥ 700	65.1	88.2		95.6	98.2		99.2				99.4			99.4	99.4	99.4
≥ 600	65.0	88.2		95.6	98.2		99.2							99.6		
≥ 500	65.0	88.2		95.6	98.2		99.3							99.7		
≥ 400	65.0	88.2		95.6	98.2	• •	1		- 1			-		99.7		
≥ 300	65.3	88.2		95.7	98.3	98.6				99.9		99.9				99.9
≥ 200	65.0	88.2		95.7	98.5		- 1						100.0	-	_	
> 100	6 5 •1	88.2		95.7	98.5				99.9							
2 0	65.0	88.2	1		98.5			99.9	-	1			100.0			
	03.04	3002	7344	/3 • 1	,,,,,	/0.09	9		,,,,,		- 3000		- 30 4 9		- 3010	

723 TOTAL NUMBER OF OBSERVATIONS _

LL TAL CLIMATOLOGY BRANCH LAFOTAC LAFOTAFR SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION INTL VT

73-80

JUN

PER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.E.T.)

							v1\$	B . ** 5T	ATUTE MILI	ES						
10 FE 1	· · · · · ·															
	≥ ≎	≥ 6	≥5 i	≥4	≥ 3	≥3%	≥ 2	≥ . %	≥۱¼	۱≤	≥ %	≥%	≥ ⊬:	≥ 5/16	≥ 4	≥૦
Nº ENN	35.	42.8	43.9	44.8	45.1	45.2	45.3	45.3	45.3	45.3	45.4	45.4	45.5	45.5	45.5	45.6
2.20000	40.4	44.6	49.9	51.0	51.5	51.7	51.8	51.8	51.3	51.9	51.9	51.9	52.3	52.3	52.0	52.1
≥ 8000	40.5	43.7	57.d	51.0									52.1			
2 5 14	40.9	43.7	50.0	51.0		51.8			51.9							
≥ '450C	~0.7	44.5		51.4	51.9								52.4			
2 2000	42.4	51.5		54.0		54.9									55.2	
2 222	45.02			58.9	59.5		_	_	_				- 1			
2 95%	45.3		58.8			61.1									61.5	
≥ 9000 1000	50.5	62.1	64.9	66.5	67.3				67.9							
2 1/4)(52.1	65.8	68.2	69.9		71.1									71.6	
≥ 60/X	- 5 4 • 3	63.1	- 1	72.4	73.2				73.8			-				
. 500C	5t . 1	70.7	73.3												77.0	
> 450f.	57.6	72.9		77.7		78.9			79.2	- 1					79.5	
: 400X	50.5	75.8													83.0	
± 3500	(1.5	75.4	- 1	83.6					85.6				1	85.9		
2 3000	3 • 1		84.3		88.1										39.4	
± 250C	U4 . 1	82.6		88.7	90•d				91.1						91.4	
200	05.1	84.4													93.7	
₹ 80€	65.4	84.7	88.3	91.2					-						94.1	
2 1500	55.6	85.5	89.2	92.1											95.2	
≥ 30C	65.1	86.1	89.9	93.0	94.7										96.3	
2 000	65.7	86.4	90.3	93.4	95.1	95.8									97.2	
- 90%	66.0	86.6	97.5	93.7	95.6			_						1	97.4	
≥ Ark	66.1	86.1													97.8	
2 700	56.0	R6.8	90.8	94.1	96.1		-		97.7				t t		98.1	
≥ 600	56.4	86.9	91.0												98.5	
≥ 500	56.	86.9	91.0	94.4											99.1	
2 40C	56.	86.9	91.0	94.5											99.3	
2 300	υ 6 •.	86.9	91.0	94.6					-						99.5	
2 200	U6.7	86.9	91.0	94.7											99.8	
y 100	66.0	86.9	91.7	94.7	96.8	97.4	98.6	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9
<u>≥</u> ∪	∞6.0	86.9	91.0	94.7	96.6	97.4	98.6	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	100.3

TOTAL NUMBER OF OBSERVATIONS

5763

SECTAL CLIMATOLOGY BRANCH

AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15742

BURLINGTON INTL VT

73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3020-0202 HOURS (L.S.7.)

CEIL NG							viS	18.L:TV ST	ATUTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1⁄.	≥ 2	≥.%	≥1%	ו≤	≥ %	≥%	≥ ٧.	≥ 5/16	≥ 4	≵ċ
OPPOS	35.2	48.9	50.7	52.7		52.8		53.0	- 1					53.1	53.1	53.
≥ 20000	39.9		58.5	61.0	61.2			61.3	61.3	$\overline{}$	61.3	61.3	61.4	61.4	61.4	61.
≥ 18000	39.9		58.5			61.2	61.3	61.3	61.3					61.4	61.4	61.
≥ .9000	40.1	55.9	58.6		61.3	61.3	61.4	61.4	61.4	-	61.4			61.6	61.6	61.
≥ 14000	40.2	56.5				61.8	62•Q	62.0	62.0	62.0	62 • ପ	62.0	62.1	62.1	62.1	62.
≥ 12000	42.3	60.5	63.3	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66 • 3	66.3	66.3	
00001 ≤	45.7	64.9	67.7	70.7	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71 • 2	71.
≥ 9000	45.3	65.7	68.5	71.5	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	72.3	72.3	72.0	72.
≥ 8000	48.0	71.1	74.3	77.4	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.
≥ 7000	49.7	73.5	77.0	80.4	80.5	80.5	30.8	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.
≥ 6000	51.1	75.4	79.2	82.5	82.7	82.7	82.9	82.9	82.9	83.1	83.1	83.1	83.2	83.2	03.2	93.
≥ 5000	52.5	77.7	81.0	85.1	85.3	85.3	85.6	85.6	85.6	85.8	85.8	85.8	85.9	35.9	85.9	85.
≥ 4500	53.1	78.5	82.4	86.0	86.4	86.4	86.7	86.7	86.7	86.8	86.8	86.8	87.0	87.C	57.0	87.
≥ 400C	53.6	80.9	85.5	89.2	89.9	89.9	90.3	90.3			90.5	90.5	90.6	90.5	90.6	90.
≥ 3500	54.4	82.5	87.4	91.1	91.8	91.8	92.2	92.2	92.2		92.3	92.3	92.5	92.5	92.5	_
≥ 3000	55.4	84.7	89.9	93.8	94.5	94.5	94.9	94.9	94.9	95.0	95.0		95.2	95.2	95.2	95.
≥ 2500	55.6	85.3	90.6	94.5	95.4	95.4	95.8	95.8	95.8	96.D	96.0	96.0	96.1	96.1	96.1	96.
≥ 2000	55.4	85.6	90.9	94.8	1	95.7	96.2	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96
≥ 1800	55.8	85.6	90.9	94.8		95.7	96.4		96.4	96.5	96.5					
≥ 1500	55.8	85.8	91.0		- 1	96.4		97.0	97.0	97.2	97.2		97.3		97.3	
≥ 1200	55.6	85.8		95.3	96.6	96.6	97.3	97.3	97.3		97.4	97.4	97.6		97.6	97.
≥ ,000	55.3	85.8		95.3	96.6	96.6		_ 1		97.6	- 1 1					97.
≥ 90C	55.3	85.8	91.	95.3	96.6	96.9	97.6	97.6	97.6				98.0			
≥ 800	55.9	85.8		95.3	96.8	97.0		97.7	97.7	98.D	1 . 7 11			98.1	98.1	
> 700	55.8	85.8		95.3	97.0	97.1	98.1	98.1	98.1	98.4					98.5	-
≥ 700 ≥ 600	55.9	85.9	91.1	95.4	97.2		98.3	98.3	98.3	98.5	98.5			-	• -	98
	55.6	85.9	91.3	95.7	97.4	97.7	98.8	98.8	98.8	99.1	99.1		99.2			99
≥ 500 ≥ 400	55.3	85.9	91.3	95.7	97	97.8		98.9	98.9	99.2	99.2					. ' '
≥ 300 ≥ 200	55.5	85.9	91.3	95.7	97.6	98.0	99.1	99.1	99.1		99.3	-		- 1		
	55.3	85.9	91.3	95.7	97.6		-		99.1							
> 100 > 0	55.5		91.3	95.7					99.1						130.0	Г '
≥ 0	55.8	85.9	91.3	95.7	97.6	98.0	99.1	99.1	99.1	99.3	79.5	77.5	99.6	99.6	100.0	μου₁

TOTAL NUMBER OF OBSERVATIONS

GLUBAL CLIMATOLOGY BRANCH OSAFETAC AIS WEATHER SERVICE/MAC

and the second community of the second community of the second community of the second community of the second

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

STATION NAME

73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 Houns (L.s.T.)

IFEE")							V15	(B.: "Y 5T	ATUTE MILI	ES						
	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ ⋅%	21%	≥1	<u> </u>	≥%	≥ ⊬	≥ 5/16	≥ %	≥0
NO CEILING	34.9	43.0	45.2	47.0	47.3	47.4	47.6	47.6	47.6	47.7	47.7	47.7	48.1	48.1	43.1	48.4
≥ 3,0000	37.4	47.3	50.1	53.2	53.9	54.0	54.2	54.2	54.2	54.3	54.3	54.3	54.7	54.7	54.7	55.0
≥ 18600	37.5	47.4	50.3	53.4	54.0	54.2	54 • 3	54.3	54.3	54.4	54.4	54.4	54.8	54.8	54.8	55.1
≥ .6000	37.8	47.7	50.5	53.6	54.3	54.4	54.6			54.7	54.7	54.7	55.1	55.1	55.1	55.4
≥ 1400C	38.4	48.3	51.1	54.2	54.8	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.6	55.6	55.6	55.9
≥ 3000	40.4	51.9	55.	58.1	59.0	59.1	59.3	59.3	59.3	59.4	59.4	59.4	59.9	59.9	59.9	60.2
> ,000€	43.5	57.3	60.5	64.1	64.8	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.7	65.7	05.7	66.0
≥ 9000	44.0	53.2	61.4	65.2	65.9	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.8	66.8	66.3	67.1
≥ 8000	46.5	63.q	66.7	70.7	71.4	71.5	71.6	71.8	71.8	71.9	71.9	71.9	72.4	72.4	72.4	72.7
≥ 7000	49.1	67.1	70.8	75.0	75.7	75.8	75.9	76.2	76.2	76.3	76.3	76.3	76.9	76.9	76.9	77.2
≥ 6000	50.4	68.8	72.7	76.9	77.6	77.7	77.8	78.1	78.1	78.2	78.2	78.2	78.8	78.8	78.8	79.0
≥ 5000	52.4	71.8	75.8	83.2	83.9	81.0		81.5	81.5	81.6	81.6	81.6	82.1	82.1	82.1	82.4
≥ 4500	53.2	73.8	79.	82.5	63.5	83.6	83.9			84.3	84.3	84.3	84.8	84.8	84.8	85.1
≥ 400C	53.9	75.7	80.4	85.6	86.7	86.8	87.1	87.4	87.4	87.5	87.5	87.5	88.0	88.0	88.0	88.3
≥ 3500	55.4	77.4	82.1	87.5	88.4	88.6	88.8	89.1		89.2	89.2	89.2	89.8	89.8	89.8	90.1
≥ 3000	56 . 6	79.8	84.8	90.6	91.9	92.2	92.7	93.1	93.1	93.3	93.3	93.3	93.8	93.8	93.8	94.1
≥ 2500	56.7	80.1	85.1	91.0	92.3	92.6	93.3	93.7	93.7	93.8	93.8	93.8	94.4	94.4	94.4	94.6
≥ 2000	57.Q	81.2	86.4	92.5	94.0	94.2	94.9	95.3	95.3	95.4	95.4	95.4	96.0	96.0	96.0	96 • 2
≥ 1800	57.0	81.3	86.6	92.6	94.1	94.4	95.0	95.4	95.4	95.6	95.6	95.6	96.1	96.1	96.1	96.4
≥ 1500	57.3	82.1	87.4	93.4	95.q	95.3	96 • Q	96.4	96.4	96.6	96.6	96.6	97.2	97.2	97.2	97.4
≥ 1200	57.3	82.1	87.4	93.4	95.0	95.1	96.0	96.4	96.4	96.8	96.8	96.8	97.3	97.3	97.3	97.6
≥ 000	57.3	82.3	87.5	93.5	95.2	95.4	96.1	96.5	96.5	97.0	97.0	97.0	97.6	97.6	97.6	97.8
≥ 900	57.	82.3	87.6	93.7	95.3	95.8	96.5	96.9	96.9	97.4	97.4	97.4	98.0	98.0	98.0	98.3
≥ 800	57.3	82.3	87.6	93.7	95.3	95.8	96.5	96.9	96.9	97.4	97.4	97.4	98.0	98.0	98.0	98.3
≥ 700	57.3	82.3	87.6	93.7	95.4	96.0	97.2	97.6	97.6	98.1	98.1	98.1	98.7	98.7	98.7	98.5
≥ 600	57.3	82.3	87.6	93.7	95.4	96.0	97.2	97.7	97.7	98.3	98.3	98.3	98.8	98.8	98.8	99.1
≥ 500	57.3	82.3	87.8	93.8	95.7	96.2	97.4	98.0	98.0	98.7	98.7	98.7	99.2	99.2	99.2	99.5
≥ 400	57.3	82.3	87.8	93.8	95.7	96.2		98.0	98.d	98.7	98.7	98.7	99.2	99.2	99.2	99.5
≥ 300	57.3	82.3	87.8	93.8	95.7	96.2	97.8	98.4	98.4	99.1	99.1	99.1	99.6	99.6	99.6	99.5
≥ 200	57.\$	82.3	87.8	93.8	95.7	96.2	97.8	98.4	98.4	99.1	99.1	99.1	99.6	99.6	99.6	99.5
> 100	57.3	82.3	87.6	93.8	95.7	96.2	97.8	98.4	98.4	99.1	99.1	99.1	99.6	99.6	99.7	100.0
≥ 0	57.3	82.3	87.8	93.8	95.7	96.2	97.8		98.4	99.1	99.1	99.1	99.6	99.6	99.7	100.1

TOTAL NUMBER OF OBSERVATIONS

741

SECHAL CLIMATOLOGY BRANCH SAFETAC AT REATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

14105

BURLINGTON INTL VT

73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

L600-0800

CEILING							vis.	BILITY ST.	ATUTE MILI	ES			-			
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥:%	≥11/4	≥1	≥ ¥	≥%	≱%	≥ 5/16	≥ %	≥c
NO CEILING	38.7	46.5	47.2	48.3	49.5	49.9	49.9	50.0	50.0	50.1	50.1	50.1	50.3	50.3	50.3	50.3
≥ 20000	42.1	51.2		53.5	55.6	56.0	56.0	56.2	56.2		56.3	56.3	56.5	56.5	56.5	
≥ 18000	42.1	51.2	51.9		55.6	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.5	56.5	56.5	56.5
≥ :6000	42.1	51.2	51.9	53.5	55.6		56.0	56.2	56.2	56.3	56.3	56.3	56.5	56.5	56.5	56.5
≥ 14000	42.6	51.9	52.6	54.2	56.3	55.7	56.7	56.9	56.9	57.0	57.0	57.0		57.1	57.1	57.1
≥ :5000	44.4	55.1	56.2	57.8	6].1	63.5	60.5	60.8		60.9	60.9		61.0			
20000 ≤	45.7	58.7	60.1	61.7	64.1	64.5	64.9	65.2	65.2	65.5	65.5	65.5	65.6	65.6	65.6	65.6
≥ 5000	46.2	59.5	60.9	62.5	64.9	65.3	65.9	66.1	66.1	66.4	66.4	66.4	66.5	66.5	66.5	66.5
≥ 8000	48.7	63.d	64.9	66.7	69.2	69.6	70.2	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 7000	51.9	67.1	69.1	70.8	73.4	73.8	74.5	74.7	74.7	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 6000	-3.1	69.1	71.6	73.5	76.1	76.6	77.3	77.6	77.6	78.0	78.0	78.0	78.1	78.1	78.1	78.1
≥ 5000	55.4	72.2	75.1	77.6	80.1	80.6	81.3	81.6	81.6	82.0	82.0	82.0	ئ 2 . 1	A2.1	82.1	82.1
≥ 4500	55.	72.8	75.8	78.2	80.9	81.5	82.4	82.7	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 400C	57.4	75.7	78.8	81.2	84.0	84.5	85.5	85.8	85.8	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 3500	59.5	78.4	81.6	84.0	87.0	87.5	88.4	88.7	88.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 3000	61.4	81.6	85.1	87.5	90.5	91.3	92.2	92.5	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 2500	52.0	82.7	86.3	88.8	91.8	92.6	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.8	94.8	94.8
≥ 2000	63.0	84.1	87.9	90.7	93.7	94.6	96.0	96.2	96.2	96.6	96.6	96.6	96.8	96.8	96.8	96.8
≥ 1800	53.3	84.4	88.2	91.0	94.0	94.9	96.2	96.5	96.5	96.9	96.9	96.9	97.0	97.0	97.0	97.3
≥ 1500	64.0	85.2	89.0	91.8	94.8	95.7	97.0	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.5
≥ 1200	64.5	85.2	89.0		94.9	95.8	97.3	97.6	97.6	98.0	98.0	98.0	98.1	98.1	99.1	98.1
≥ ,000	64.	85.6	89.5	92.3	95.4	96.4	97.8	98.1	98.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 90C	64.1	85.6	89.5	92.5	95.6	96.5	98.1	98.4	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 800	64.0	85.6	89.5	92.5	95.6	96.5	98.1	98.4	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 700	64.0	85.6	89.5	92.5	95.6	96.5	98.1	98.4	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 600	64.0	85.6	89.5	92.5	95.6	96.6		98.5	98.5	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	64.0	85.6		92.6	95.8	96.9	98.5	98.8		99.3	99.3	99.3	99.5	99.5		99.5
≥ 400	64.0	85.6		92.7	96.0	97.0	98.8	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	64.0			92.9	96.1	97.2	98.9	99.2	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9
2 200	64.0			92.9	96.1	97.2		99.2		1	99.7	99.7	100.0	100.0	100.0	00.0
> 100	64.0	85.6		92.9	96.1	97.2		99.2			99.7		100.0			
≥ 0	64.0	85.6				1		99.2		1	- 1		100.0			
	070	03.0	<u> </u>	76.03	7004	<u> </u>	7007	,,,,,	7702	7701			- 30 - 0	- 00 00	- 30 - 0	

SUCHAL CLIMATOLOGY BRANCH WORFSTAC ATT REATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

14.2

BURLINGTON INTL VT

73-80

JUL

TATION STATIO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J900-1100

CEIL NO	 						v15:	BILITY STA	ATUTE MILI	ES						
(FEE*)	≥ .c	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1⁄.	≥ 2	≥:%	21%	≥1	≥ ¾	≥ %	≥ ₩	≥5/16	≥ '4	≥c
NO CEILING	39.4	47.2	48.	48.3	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.5	40.6	49.6	49.6	49.6
≥ 20000	43.4	52.6	53.5	53.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	43.7	52.6	53.5	53.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	
≥ .9000	44.1	52.8	53.9	54.5	55.5		55.6	55.6	55.6	55.6	55.6			55.6	55.6	
≥ 14000	44.5	53.2	54.2	54.4	55.9	56.0	56.Q	56.0	56.0	56.0	56.0	56.0		56.0		56.€
≥ 2000	47.7	57.0		58.5	60.1	60.5		60.5	60.5		60.5			60.5		
≥ 10000	47.5	61.3	62.5	62.9	64.9	65.6	65.6	65.6	65.6		65.6			65.6		65.6
≥ 900C	51.1	63.4	64.7	65.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7		67.7	67.7	
≥ 8000	54.6	67.5	69.1	69.5	71.5	72.2		72.2	72.2	72.2	72.2			72.2	72.2	72.2
≥ 7000	56.7	70.7	72.3	72.7	74.9			75.5	75.5		75.5	75.5				
≥ 6000 ≥ 5000	57.0	71.4		73.8	75.9	76.6	76.6	76.6	76.6	76.6	76.6			76.6	76.6	76.6
	59.1	73.9	,,,,,	76.7	79.0		79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500 ≥ 4000	£0 • 1	75.1	77.4	78.0	80.2	80.9	80.9	80.9	80.9	80.9	80.9			80.9	80.9	80.9
	61.7	77.8		81.3	83.7	84.4	34.4	84.4	84.4	84.4	84.4	87.9	84.5	84.5	88.0	84.5
≥ 3500	64.9	80.6	83.6	84.7	87.1	87.9	87.9	87.9	87.9	97.9	87.9		- 0	88.0		
	56.3	84.1	87.1	88.2			91.7	91.7	91.7	91.7	91.7	91.7		91.8	91.8	
≥ 2500	67.1	85.9 87.4	89.0	90.1	92.7	93.7	93.8	96.2	96.2	96.2	93.8			96.4	96.4	
I	67.3	87.5	91.0	92.2	94.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4		96.5		
≥ 1800	67.9	89.0		93.7	96.5	98.0	98.3	98.1	98.3	98.3	98.3	98.3	98.4	98.4		
├ ───	68.1	89.7	93.1	94.4	97.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.2		99.2	99.2
≥ 1200	68.3	93.1	93.5	94.9	97.7	99.2	99.6	99.4	99.6	99.6	99.6	i i		99.7	99.7	
——	68.3	93.1	93.5	94.9	97.7	99.2	99.6	99.6	99.6	99.6	99.6			99.7	99.7	99.7
≥ 900 ≥ 800	68.3	93.1	93.5	94.9	97.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	
≥ 700	68.3	90.1	93.5	95.0	97.8	99	99.7	99.7	99.7	99.7	99.7	99.7		99.9		
≥ 600	68.3	90.1	93.5	95.0	97.6	99.5	99.9	99.9	99.9	99.9	99.9		100.0		100.0	
≥ 500	68.3	90.1	93.5	95.0	97.6	99.5	99.9	99.9	99.9	99.9	99.9		100.3			
2 400	68.3	90.1	93.5	95.0	97.8	99.5	99.9	99.9	99.9	99.9	99.9		100.0			
≥ 300	68.3	90.	93.5	95.0		99.	99.9	99.9	99.9	99.9	99.9		100.0			
≥ 200	68.3	90.1	93.5	95.0		99.5	99.9	99.9	99.9	99.9	99.9		160.0			
≥ 100	68.3	90.1	93.	95.0	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.C
2 0	68.3	90.1	93.9	95.0		99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.9	100.0	100.0	100.0
L								لتنت					تنيت			

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSCOLETE

744

GLURAL CLIMATOLOGY BRANCH USAFETAC ATH REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16742

BURLINGTON INTL VT

73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L.S.T.)

CEIUNG							VIS	BILITY ST	ATUTE MILI	ES						
(FEE")	≥ ;0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥+%	≥1%	≥1	≥ ¾	≥ %	≥ 4.	≥ 5/16	≥ ¼	ت≤
ONUIS ON	40.2	47.3	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.3
≥ 20000	47.4	56.2	56.6	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	47.4	56.2	56.6	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ '6000	47.4	56.2	56.6	56.6	57.4	57.4	57.4			57,4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	47.8	56.6	57•q	57.0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.6
≥ .500€	50.5	59.9	60.3	63.3	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	51.4	61.4
00001 ≤	52.7	64.1	64.7	65.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66 • 7	66.7
≥ 9000	54.0	65.5	66.0	66.4	67.5	68.0	68.0	68.0	68.0	68.0	68.C	68.0		68.0	68.J	
≥ 8000	56.9	69.9	70.6	71.1	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	59.8	73.9	74.1	74.6	75.7	76.2				76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000 ≥ 5000	61.9	75.5	76.2	76.7	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
	54.5	78.9		80.1	81.2		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500 ≥ 4000	56.1	83.6		81.9	82.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0		84.0	84.0	34.0
	69.7	85.9	7 7 7	87.5	•	89.9		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
≥ 3500 ≥ 3000	71.4	89.1	97.3	91.3	92.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	72.6	91.0		93.3	95.0	96.1	96.4	96.5			96.5	96.5		96.5	96.5	96.5
≥ 2500 ≥ 2000	73.1	91.7	93.1	94.1	95.8		97.3	97.4		97.4	97.4	97.4	97.4	97.4		
	73.7	92.7	94.5	95.4	97.2		98.7	98.8	98.8	98.8	98.8	98.8		98.8	98.8	
≥ 1800 ≥ 1500	/3.8 /3.8	92.9	95.0	95.6 96.0		98.4 98.8	98.8		99.5	99.5	98.9	99.5	98.9	99.5	99.5	
	73.8	93.4	95.2	96.1	97.8	98.9	99.3	99.6	99.6	99.6	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1200	73.8	93.4	95.3	96.2	98.0	99.1	99.5		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	73.8	93.4	95.3	96.2	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900 ≥ 800	73.9	93.5	95.4	96.4	98.1	99.2	99.6	99.9	99.9		1 1 7 1				99.9	
	73.9	93.5	95.4	96.4	98.1	99.2		99.9	99.9	99.9	99.9	99.9		99.9	99.9	
≥ 700 ≥ 600	73.9	93.5	95.4	96.4	98.1	99.2	99.6		99.9		99.9		99.9		99.9	
	73.4	93.5	95.4	96.4	98.1	99.2		99.9	99.9	99.9	99.9	99.9		99.9	99.9	
≥ 500 ≥ 400	73.9	93.5	95.4	96.4	98.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 300	73.9	93.5	95.4	96.4	98.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9		99.9	99.9	
≥ 200	73.4	93.5	95.4	96.4	98.1	99.2	99.6	100.0		100.0	. ' . ' . ' . '	100.0		100.0		_
> 100	73.9	93.9	95.4	96.4	98.1	99.2		100.0					100.0			
≥ 100 ≥ ∪	73.9	93.5	95.4	96.4	98.1	99.2			100.0							
		7303	7,763	70.3	7004	7764	,,,,,				- 30 - 0	- 50 - 4		- 30 - 0	- 5540	

TOTAL NUMBER OF OBSERVATIONS _______744

GLEGAL CLIMATOLOGY BRANCH USAFETAC ALE WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

SURLINGTON INTL VT

73-8C

Jul

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEU NO							vis	8."Y ST	ATUTE MIL	ES						
(FEE")	5: ₹	≥6	≥5	≥ 4	≥3	≥2%	≥2	¥∶ ≤	≥1%	≥'	2 4	≥ %	≥ ∀	≥ 5/16	2 4	≥0
O CEILING	42.7	44.2	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.
≥ 20000	50.9	59.8	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.6	60.8	63.8	60.B	60.
≥ 18000	51.1	59.9	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	63.9	60.9	60.
≥ 6000	51.6	60.5	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	۴1،
≥ 14000	20.3	61.6	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	6.
5 ,500€	54.5	65.2	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66
≥ 10000	57.0	69.0	69.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.
≥ 9000	5 δ_• 6	70.4	71.2	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72
≥ 8000	62.1	76.1	76.5	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.
≥ 7000	54 - 5	78.5	78.9	80.1	80.4	80.6	80.6	80.6		80.6	80.6	80.6	80.6	80.6	80.6	80,
≥ 6000	66.9	81.2	81.6	82.8	83.1	83.5	83.5	83.5	83.5	83.5	63.5	83.5	83.5	83.5	83.5	83
≥ 5000	69.4	85.1	85.5	86.7	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87
≥ 4500	70.4	86.4	86.8	88.2	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89
≥ 4000	72.8	93.5	91.1	92.6	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93
≥ 3500	74.1	92.5	93.1	94.9	95.4	96.6	96.6	96.6		96.6	96.6	96.6	96.6	96.6	96.6	96
≥ 3000	74.9	93.1	93.6	95.6	96.1	97.3	97.3	97.3		97.3	97.3	97.3	97.3	97.3	97.3	97.
≥ 2500	75.0	93.7	94.4	96.2	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.D	98.0	98
≥ 2000	75.1	93.8	94.5	96.6	97.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98
≥ 1800	75.1	93.8	94.5	96.6	97.2		98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98
≥ 1500	75.1	94.4	95.d	97.2	97.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3		99.5	99
≥ 1200	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99
≥ 0000	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99
≥ 900	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.6	99.6		99.6	99.6	99.7	99
≥ 600	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.
≥ 700	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99
≥ 600	75.1	94.4	95.0	97.2	97.7	99.1	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.9	99
≥ 500	75.1	94.4	95.0	97.2	97.7	99.2	99.3	99.5	99.5	99.9	99.9		99.9	99.9	100.0	100
≥ 400	75.1	94.4	95.0	97.2	97.7	99.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100
≥ 300	75.	94.4	95.0	97.2	97.1	99.2	99.3	99.5	99.5	99.9	99.9		99.9	99.9	130.0	100
≥ 300	75.1	94.4	95.0		97.7	99.2		99.5			99.9		99.9	99.9	100.0	100
≥ 100	75.	94.4	95.0			99.2	99.3	99.5			99.9				100.0	j
2 0	75	94.4	95.0	. 7		99.2		99.5						-	100.0	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

744

TE FAL CLIMATOLOGY BRANCH CAPETAC AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-742 BURLINGTON INTL VT

73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L.S.T.)

CELNO							V15	B.L: ** ST.	ATUTE MIL	ES						
/#EE")	¥;C	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ ?	≵ ≀%	≥11/4	≥1	≥ ¥4	≥ %	≥ / :	≥ 5/16	2 %	≥o
NO CEIUNG	+1.4	47.2	47.4	48.0	48.0	43.0	48.0	48.0	48.D	48.0	48.0	48.0	43.0	48.J	48.7	48.
[≥ 20000]	49.2	57.5	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	49.2	57.5	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	49.2	57.5	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ '4000	50.7	59.1	59.8	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 3000	5 3. 0	63.4	64.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
2000° ≤	55.9	66.8	67.7	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 800C	57.1	69.0	69.9	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8		70.8	
≥ 800C	01.8	75.1	76.2	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	64.9	78.6	79.8	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9		8C.9	83.9		
≥ 6000	56.7	81.3	82.5	83.5	83.6	83.6	84.0	84.0	84.D	84.0	84.0	84.0	84.0	84.0	84.0	84.3
≥ 5000	71.1	87.5	88.8	89.8	89.9	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	72.0	88.6	89.9	90.9	91.d	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
2 400C	72.7	93.1	91.7	92.9	93.0	93.5	94.4	94.4		94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 35 0 0	73.8	91.3	92.9	94.2	94.6	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
≥ 1000	74.1	91.8	93.5	95.2	95.6	96.2	97.0	97.0	97.0	97.0			97.0	97.0		
≥ 2500	74.6	92.3	94.2	95.8	96.2	96.9	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
2 200 0	74.7	92.9	94.9	96.8	97.3	98.0		98.8	98.8	98.9	98.9		98.9	98.9		
≥ '800	74.7	92.9	94.9	96.9	97.4	98.1	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 1500	74.7	93.0	95.0	97.2	97.8	98.5		99.3	99.3	99.5	99.5					į
≥ 1200	74.7	93.0	95.0	97.2	97.8	98.5		99.3		,,,,,	99.5		99.5	99.5	_	
≥ .000	74.7	93.0	95.0	97.2	97.8	98.5	99.5	99.5	,,,,,		99.6					
≥ 900	74.7	93.0	95.0	97.2	97.8	98.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	74.7	93.0	95.0		97.8		99.5	99.5	99.5	99.6	99.6					
≥ 700	74.7	93.0	95.0	97.2	97.8	98.7	99.6	99.6	99.6	99.7	99.7	99.7	99.7			
≥ 600	74.7	93.0	95.0		97.8	98.7		99.6	99.6				99.7	99.7		
≥ 500	74.7	93.0	95.0	97.2	97.8	98.8	99.7	99.7	99.7						99.9	_
≥ 400	74.7	93.0	95.d	97.2	97.8	98.8	99.7	99.7	99.7							
≥ 300	74.7	93.0	95.0	97.2	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.0
≥ 200	74.7	93.0	95.0	97.4	97.8	98.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	0.00
≥ 100	74 . 7	93.0	95.0	97.2	97.6	98.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ں ≤	74.7	93.0	95.d	97.2	97.8	98.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

744 TOTAL NUMBER OF OBSERVATIONS __

GLURAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BUTLINGTON INTL VT

73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300 HOURS (LEV.)

TEL NG							v15	.8 . ° v _ 51	ATUTE MI	ES						
(FEET)	≥ .c	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≱∙%	≥1%	≥1	≥ ¾	≥ %	≥ ∀:	≥ 5/16	≥ %	≥ċ
> 50000 FILING	39.9 45.4	50.3 58.9	50.8 61.0	51.9 62.6	51•9 62•9	51.9 62.9	1 1					51.9 62.9		51.9 62.9		
5 ,9000 ≥ 18000	45.4	58.9 58.9	61.0	62.6 62.6	62.9		1		1		1	62.9			62.9	
≥ 14000 ≥ 12000	46.4	60.1	62.2	63.8	64.1	64.1	64.1 67.3	64.1	64.1		64 • 1 67 • 3	64.1	64.1 67.3	64.1	64.1 67.3	1
≥ 10000 ≥ 9000	51.2 52.4	67.3	69.6		71.8 73.9	71.8		71.8 73.9	1			71.8			1	
≥ 8000 ≥ 7000	56.1 58.2	74.6	77.6		79.8 82.7	79.8 82.7	79.8 82.7	79.8 82.7	79.8 82.7		79.8 82.7	79.8 82.7				
≥ 6000 ≥ 5000	60.9	80.0 83.2	83.2 86.4	85 • 8 89 • 2	86.0 89.5	86.0 89.5		86.0		1	86.D 89.5	86.0 89.5			86.0	
≥ 4500 ≥ 4000	63.4	84.8	88.0 90.1	91.0 93.3	91.3 94.0	91.3	91.3 94.0	9. • 3	91.3 94.0	91.3 94.0	91.3 94.0	91.3			91.3 94.0	
≥ 3500 ≥ 3000	64.9	87.2 88.2	90.9 91.8	7704	94 • 8 95 • 7	94.8	94.8 95.7	94.8 95.7	94.8 95.7	94.8 95.7	94.8 95.7	94.8		-	94 • 8 95 • 7	94.8 95.7
≥ 2500 ≥ 2000	65.5	88.7 89.2	92.3 93.1	95.7 96.6	96.4 97.3	96.4 97.3	96.5 97.4	96.5 97.4			96.5 97.4	96.5 97.4		96.5 97.4	96.5 97.4	
≥ 1800 ≥ 1500	65.9 65.5	89.4 89.4	93.5		97.7 97.7	97.7	98.1 98.1	98.1 98.1	98.1 98.1	98.1 98.1	98.1 98.1	98 • 1 98 • 1	98 • 1 98 • 1	98 • 1 98 • 1	98.1 98.1	98 • 1 98 • 1
≥ 1200 ≥ 1000	65.5 65.5	89.4	93.5 93.7	97.2 97.4	97.8	97.8	98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98 • 3 98 • 8		98.8
≥ 900 ≥ 800	65.5 05.5	89.4	93.7 93.7	97.4 97.4	98.4	98.4 98.5	99.3	99.2 99.3	99.2	99.2	99.2 99.3	99.2	99.2 99.3			99.3
≥ 700 ≥ 600	65.5	89.5	93.8 93.8	97.6 97.6	98.5 98.5	98•7 98•7	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5	99.5 99.5	99.5	99.5 99.5	99.5
≥ 500 ≥ 400	65.5 65.5	89.5	93.6 93.6	97.6 97.6	98.7	98.8	99.6 99.7	99.6	99.7	99.7	99.6	99.6	99.7	99.7	99.6 99.7	99.7
≥ 300 ≥ 200	65.5	89.5	93.8	97.6 97.6	98.8		700.0	100.0	100.0	100.0	100.0		100.0	100.0		100.0
≥ 100 ≥ 0	65.5 65.5	89.5	93.8 93.8	97.6 97.6	98.8 98.8		100.0									

TOTAL NUMBER OF OBSERVATIONS

744

SLUBAL CLIMATOLOGY BRANCH

STARETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.Y.)

CEILING			- *				VIS	IBILITY ST	ATUTE MILI	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ : %	≥1%	≥1	≥ 4	≥%	≥ ∀.	≥ 5/16	≥ %	≥0
NO CEILING	39.2	47.4	48.3	49.2	49.6	49.7	49.7	49.7	49.7	49.8	49.A	49.8	49.8	49.8	49.8	49.9
≥ 20000	44.5	54.9	56.3	57.5	59.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5
≥ 18000	44.6	54.9	56.3	57.6	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	56.5	58.5	58 • 6
≥ :6000	44.7	55.1	56.4	57.7	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
≥ 14000	45.3	55.9	57.2	58.5	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
≥ 12000	47.6	59.5	61.0	62.4	63.1	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5
≥ 10000	50.1	63.7	65.3	66.9	67.8	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 9000	51.1	65.2	66.8	68.4	69.3	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.9
≥ 8000	54.4	70.0	72.0	73.7	74.6	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 7000	56.4	73.2	75.3	77.1	78.0	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.7
≥ 6000	58.5	75.3	77.6	79.4	80.3	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 5000	60.9	78.8	81.1	83.2	84.1	84.5	84.7	84.7	84.7	84.8	84.8	84 - 8	84.9	84.9	64.9	95.0
≥ 4500	61.8	80.1	82.5	84.6	85.6	86.0	86.3	86.4	86.4	86.5	86.5	86.5	86.6	86.6	66.6	86.6
≥ 400C	53.2	82.9	85.4	88.0	89.1	89.6	89.9	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.Z	90.2
≥ 3500	64.6	84.9	87.7	90.2	91.5	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.7
≥ 3000	55.7	86.8	89.8	92.4	93.8	94.4	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1
≥ 2500	66.4	87.6	90.6	93.3	94.7	95.3	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.2
≥ 2000	66.6	88.4	91.6	94.4	95.9	96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.5
≥ 1800	66.6	88.5	91.8	94.6	96.0	96.7	97.3	97.4	97.4	97.5	97.5	97.5	97.6	97.5	97.6	97.7
≥ 1500	66.5	89.0	92.3	95.2	96.7	97.4	98.0	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1200	66.8	89.1	92.4	95.3	96.9	97.6	98.2	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.7
≥ .000	66.6	89.2	92.6	95.5	97.1	97.8	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	99.3	99.0
≥ 900	66.8	89.2	92.6	95.5	97.1	97.9	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 800	66.4	89.2	92.6	95.6	97.2	98.0	98.7	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 700	56.8	89.3	92.6	95.6	97.3	98.1	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 600	56.8	89.3	92.6	95.6	97.3	98.1	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5
≥ 500	66.8	89.3	92.7	95.7	97.4	98.3	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 400	66.8	89.3	92.7	95.7	97.4	98.3	99.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	56.8	89.3	92.7	95.7	97.5	98.4	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	66.8	89.3	92.1	95.7	97.5	98.4	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9
> 100	66.8	89.3	92.7	95.7	97.5	98.4	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	
≥ 0	66.8	89.3	92.1	95.7	97.5	98.4	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.cl
- 1				1											r	

TOTAL NUMBER OF OBSERVATIONS _

5952

GELMAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14142

BURLINGTON INTL VT

73-80

AUG

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 2009-0200 Hours (L.s.T.)

CELNO.							VIS	8.L-74 ST	ATUTE MILI	ES						
reet's	≥ '\$	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1⁄.	≥ 2	≥⊹⊁	≥11/4	≥1	≥ ¼	≥ %	≥ ⊬:	≥ 5/16	≥ ¼	≥c
NO TENING	35.5	46.4	48.1	50.4	51.5	51.6	51.7	51.7	51.7	52.0	52.0	52.0	52.4	52.4	52.4	52.4
≥ 20000	39.5	53.1	55.4	57.9	59.5	59.7	59.8	59.8	59.9	60.1	60.1	60.1	60.5	60.5	60.5	60.5
≥ 16000	39.5	53.1	55.4	57.9	59.5	59.7	59.8	59.8	59.8	60.1	60.1	60.1	60.5	60.5	60.5	60.5
≥ 5000	30.5	53.1	55.4	57.9	59.5			59.8			60.1	60.1	60.5			60.5
≥ 14000	39.9	54.0	56.3	59.1	60.6	60.8	60.9	60.9			61.2			61.6		61.5
≥ 2000	42.1	57.7	60.2	62.9	64.7	64.8		64.9			65.2					
> 2000€	44.0	60.5	63.4	66.4	68.4	68.5	68.7	68.7	68.7	69.0	69.0			69.4		
≥ 600C	44.2	62.0		68.0	70.3	70.4	70.6							71.2		71.2
≥ 800C	46.0	65.9	69.2	72.4	75.3	75.4	75.5	75.5						76.2	76.2	
≥ '2000	47.	69.2		75.9	78.8			79.0	79.0		79.3			79.7	79.7	
2 6000	47.8	71.5		78.9	81.3	81.5	81.6	81.6		81.9	81.9		-	82.3		
2 5000	49.2	73.3	77.3	81.4	84.4		84.8	84.8		85.1	85.1	85.1	85.5			
≥ 4500	49.3	73.5	78.	81.9	85.2	85.5	85.6	85.6		85.9	85.9			96.3		86.3
2 400C	50.0	75.4	80.5	84.7	88.0		88.6	88.7	88.7	89.0	89.0				89.4	89.4
£ 3500	51.1	76.9		86.4	89.8		90.3	90.5		90.7	90.7			91.1	91.1	91.1
≥ 3000	52.0	78.8	84.5	88.8	92.2	92.5		92.9			93.1	93.1				
≥ 2500	52.4	79.8		90.1	93.4		94.0	94.1	94.1	94.4	94.4					
£ 2000	52.4	80.2	86.4	90.7	94.5		95.0	95.2	95.2	95.4	95.4					
≥ '800	52.4	80.4	86.6	90.9	94.6		95.2	95.3	95.3	95.6	95.6			96.0		
≥ 1500	52.4	83.5	86.7	91.4	95.3	95.6	95.8	96.0	,	96.2	96.2	96.2				
≥ 1200	52.4	80.4		91.5	95.4	95.8	96.1	96.2	96.2	96.5	96.5					
≥ ,000	52.6	80.9	87.1	91.9	95.8	96.2	96.5	96.6	96.6	96.9	96.9					
≥ 900	52.6	81.0	87.4	92.2	96.1	96.5	96.8	96.9	96.9	97.2	97.2	97.2				
≥ 800	52.6			92.2	96.1	96.5	96.8	96.9	96.9	97.2	97.2	97.2				
≥ 700	52.6		87.4	92.3	96.2	96.6	96.9	97.0	97.0	97.3	97.3	97.3		97.7		
≥ 600	52.6	81.2	87.5	92.5	96.4	96.9	/	97.3	97.3	97.6	97.6					
≥ 500	52.0	81.2	87.5	92.6	96.5	97.0	97.4	97.7	97.7	98.0	98.0					
≥ 400	52.6	81.2	87.5	92.6	96.5	97.	97.7	98.0	, , ,	98.3	98.3	, , , ,				
≥ 300	52.6		87.5	92.6	96.9	97.3	97.7	98.0		98.5	98.5				- 1	99.2
≥ 200	52.6	81.2	87.5	92.6	, , , ,	97.3	97.7	98.0		98.5	98.5	98.5				99.2
≥ 100	52.6		87.5	92.6		97.3	97.7	98.0	98.0	98.5	98.5			98.9		99.9
≥ 0	52.6	81.2	87.5	92.6	96.5	97.1	97.7	98.0	98.0	98.5	98.5	98.5	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS ___

744

GLUPAL CLIMATOLOGY BRANCH LUMAFETAC ATH HEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

73-80

MG

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE

J300-0500

(FROM HOURLY OBSERVATIONS)

CEILING							vis	(B : "∀ ST	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ઃૠ	≥1%	ا≤	≥ ¾	≥ %	≥ ⊬:	≥ 5/16	≥ '4	≥0
NO CERING	34.1	40.5	42.1	44.5	45.3	45.4	45.6	- • •	45.6	46.2	46.2	46.2	46.5	46.5	46.9	47.3
≥ 20000	37.5	46.5		51.9	53.1			-		54.0				54.3	54.7	55.1
≥ 18000	37.5	46.5		51.9	53.1					54.0		54.0	- 1	54.3	54.7	55.1
= 6,77,7	37.5	46.5	-	51.9	53.1				53.4	54.0				54.3	54.7	55.1
≥ 14000	37.9	47.0	_	52.4	53.6	1 1	53.9			54.6	54.6	54.6		54.8	55.2	55.6
≥ :2000	40.2	50.3	52.4	55.6			57.1	57.1	57.1	57.8	57.8	57.8	58 - 1	58.1	58.5	
≥ 10000	42.3	53.6		59.7	61.4	1	61.8	61.8		62.5	62.5	62.5	62.8	62.8	63.2	63.6
≥ 9000	42.6	54.6								63.7		63.7		64.0		
≥ 8000	45.0	58.2	60.9	65.6		,,	68.3		68.3	69.0	69.0	69.0		69.2	69.6	70.0
≥ 7000	46.5	61.7	64.7	69.4			Ī			72.7				73.1		
≥ 6000	47.6	62.9	66.q	70.7	72.8		73.4	• -			74.2	74.2	74.6	74.6	75.0	
≥ 5000	48.9	65.5		74.6	76.9	77.3	77.6			78.4	78.4	78.4			79.2	79.6
≥ 4500	49.3	66.3	70.2	75.4	77.8			78.6	78.6	79.3	79.3	79.3	79.7	79.7	80.1	80.5
≥ 4000	50.3	67.7	72.0	77.6			81.5	81.7		82.4	82.4	82.4		82.8	83.2	83.6
≥ 3500	\$1.3	69.4	73.9	80.4	83.5	84.1	84.4	84.7	84.7	85.3	85.3	85.3	85.8	85.8	86.2	86.6
≥ 3000	53.0	71.6	76.7	83.6	86.8	87.5	87.8							89.2	89.7	90.1
≥ 2500	53.5	73.0	78.2	85.2	88.8	89.7	89.9	90.2	90.2	91.0	91.0	91.0	91.4	91.4	91.8	92.2
≥ 2000	54.2	74.2	79.6	86.8	90.6	91.5	91.8	92.1	92.1	92.9	92.9	92.9	93.3	93.3	93.7	94.1
≥ 1800	54.2	74.3	79.8	87.2	91.0	91.9	92.2	92.5	92.5	93.3	93.3	93.3	93.7	93.7	94.1	94.5
≥ 1500	54.3	75.0	80.5	88.0	91.8	92.7	93.0	93.3	93.3	94.1	94.1	94.1	94.5	94.5	94.9	95.3
≥ 1200	54.3	75.3	80.9	88.4	92.2	93.3	93.5	94.0	94.0	94.8	94.8	94.8	95.2	95.2	95.6	96.3
≥ ,000	54.3	75.5	81.3	89.1	92.9	94.0	94.2	94.6	94.6	95.6	95.6	95.6	96.0	96.0	96.4	96.8
≥ 900	54.3	75.5	81.3	89.1	92.9	94.0	94.2	94.6	94.6	95.6	95.6	95.6	96.0	96.0	96.4	96.8
≥ 800	54.3	75.5	81.3	89.1	93.0	94.1	94.4	94.8	94.8	95.7	95.7	95.7	96.1	96.1	96.5	96.9
≥ 700	54.3	75.5	81.3	89.2	93.1	94.2	94.5	94.9	94.9	95.8	95.8	95.8	96.2	96.2	96.6	97.0
≥ 600	54.3	75.5	81.3	89.2	93.1	94.4	94.6	95.0	95.0	96.0	96.0	96.0	96.4	96.4	96.8	97.2
≥ 500	54.3	75.5	81.3	89.5	93.5	94.8	95.2	95.8	95.8	96.9	96.9	96.9	97.3	97.3	97.7	98.1
≥ 400	54.3	75.5	81.3	89.5	93.7	95.2	95.6	96.2	96.2	97.3	97.4	97.4	97.8	97.8	98.3	98.7
≥ 300	54.3	75.5	81.3	89.5	93.7	95.3	95.8	96.5	96.5	97.6	97.7	97.7	98.1	98.1	98.5	98.9
≥ 200	54.3	75.5	81.3	89.5	93.7		95.8	96.5	96.5	97.7	97.8	97.8	98.3	98.3	98.8	99.2
> 100	54.3	75.5	81.3	89.5	93.7	95.3	96.1	96.8	96.8	98.0	98.1	98.1	98.7	98.7	99.2	99.9
≥ 0	54.3	75.5	81.3	89.5	93.7	95.3	96.1	96.8	96.8	98.D				98.7	99.2	100.0
<u> </u>																

CLEPAL CLIMATOLOGY BRANCH USAFETAC AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

73-80

AUC

STATION

MONTH

744

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J680-0895

CEILING							vi\$	B.L.TY ST	ATUTE MILI	ES						
(FEET)	≥10	≥6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥ +%	≥1%	≥1	≥ %	≥ %	≥ v;	≥ 5/16	≥%	≥ ¢
NO CEILING	37.2	42.9	44.6	46.4	47.2	47.6	48.1	48.1	49.1	48.3	48.4	48.4	45.4	48.4	48.5	49.1
≥ 20000	41.4	49.0	49.9	52.0	53.Q	53.8	54.4	54.4	54.4	54.6	54.7	54.7	54.7	54.7	54.8	55.4
≥ 18000	41.4	48.0	49.9	52.1	53.0	53.8	54.4	54.4	54.4	54.6	54.7	54.7	54 .7	54.7	54.8	55.4
≥ ,9000	41.4	48.0	49.9	52.0	53.0	53.8	54.4	54.4	54.4	54.6	54.7	54.7	54.7	54.7	54.8	55.4
≥ 14000	41.4	48.1	57.0	52.2	53.1	53.9	54.6	54 • 6	54.6	54.7	54.8	54.8	54.8	54.8	55.0	55.5
≥ .5000	43.5	51.2	53.2	55.6	56.7	57.5	58.2	58.2	58.2	58.3	58.5	58.5	58.5	58.5	58.6	59.1
000001 ≤	45.3	53.4	55.4	58.1	59.5	60.5	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.6	62.1
≥ 9000	45.5	54.0	56.0	59.1	63.6	61.6	62.2	62.2	62.2	62.4	62.5	62.5	62.5	62.5	62.6	63.2
≥ 8000	48.3	57.4	59.9	63.4	65.6	66.7	67.5	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.9	68.4
≥ 7000	49.5	59.1	62.0	65.5	67.6	68.7	69.5	69.5	69.5	69.6	69.8	69.8	69.9	69.8	69.9	70.4
≥ 6000	50.3	60.5	63.3	66.8	69.2	70.3	71.1	71.5	71.5	71.6	71.8	71.8	71.8	71.8	71.9	72.4
≥ 5000	51.9	62.6	65.7	69.5	71.9	73.0	74.2	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.1	75.7
≥ 4500	52.1	64.0	67.2	71.0	73.7	74.7	75.9	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.9	77.4
≥ 4000	54.7	66.1	69.6	73.8	76.5	77.8	79.0	79.7	79.7	79.8	80.0	80.0	80.0	80.0	80.1	80.6
≥ 3500	55.5	68.4	71.9	76.2	79.0	80.5	81.9	82.7	82.7	82.8	82.9	82.9	82.9	82.9	33.1	83.6
≥ 3000	57.7	71.8	75.4	79.7	82.8	84.3	85.6	36.6	86.6	86.8	87.0	87.0	87.0	87.G	37.1	87.6
≥ 2500	59.0	73.8	77.6	81.9	85.1	86.6	87.9	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.4	89.9
≥ 2000	59.8	75.4	79.2	83.6	87.0	88.6	89.9	90.9	90.9	91.1	91.3	91.3	91.3	91.3	91.4	91.9
≥ 1800	60.1	75.8	79.7	84.1	87.6	89.4	90.7	91.7	91.7	91.9	92.1	92.1	92.1	92.1	92.2	92.7
≥ 1500	60.3	76.1	80.0	84.4	88.d	89.7	91.1	92.1	92.1	92.3	92.5	92.5	92.5	92.5	92.6	93.1
≥ 1200	60.5	76.3	80.4	95.1	88.7	90.9	92.3	93.4	93.4	93.7	93.8	93.8	93.8			94.5
≥ .000	50.6	76.6	80.8	85.5	89.2	91.8		94.8	94.8	95.2	95.3	95.3	95.3	95.3	95.4	96.0
≥ 90 0	60.6	76.1	81.2	86.0	89.8	92.3	94.1	95.4	95.4	95.8	96.0	96.0	96.0	96.0	96.1	96.6
≥ 800	60.6	76.7	81.2	86.4	89.9	92.5	94.5	95.8	95.8	96.2	96.4	96.4	96.4		96.5	97.3
≥ 700	50.6	76.1	81.2	86.4	90.1	92.6	94.8	96.2	96.2	96.6	96.8	96.8	96.8		96.9	97.4
≥ 600	60.6	76.1	81.2	86.4	93.1	92.7	94.9	96.4	96.4	96.8	97.0	97.0	97.2		97.3	97.8
≥ 500	60.6	76.	81.4	86.2	90.2	93.3	95.7	97.2	97.2	97.6	97.8	97.8	98.0	98.3	98.1	98.7
≥ 400	60.6	76.1	81.2	86.2	90.5	93.5	96.0	97.4	97.4	97.8	98.1	98.1	98.3	98.3	98.4	98.9
≥ 300	60.6	76.1	81.4	86.2	90.5	93.7	96.4	97.8	97.8	98.5	98.8	98.8	99.3	99.3	99.5	100.0
≥ 200	60.4	76.1	81.2	86.2	90.9	93.7	96.4	97.8	97.8	98.5	98.8	98.8	99.3	99.3	99.5	100.3
> 100	60.6	76.1	81.2	96.2	90.5	93.7	96.4	97.8	97.8	98.5	98.8	98.8	99.3	99.3	99.5	100.0
≥ 0	60.6	76.1	81.2	86.2	90.5	93.7	96.4	97.8	97.8	98.5			99.3	99.3	99.5	100.9

TOTAL NUMBER OF OBSERVATIONS __

SEUTAL CLIMATOLOGY BRANCH STAFFITAC AL REATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

73-80

Auc

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100 Hours (L.s.T.)

CEILING							vis	BLITY ST	ATUTE MILI	ES						
PEETS	≥10	≥6	≥5	≥ 4	≥ 3	≥ 2 %.	≥ 2	≥ , %	≥1%	≥1	≥ ¼	≥ %	≥ 4.	≥ 5/16	2.4	≥ĉ
NO CEILING	37.6	44.9	46.2	46.6	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	41.7	50 • 8	52.3	52.8	54.3	54.3	54.8	54.8	54.0	54.8	54.8	54.3	54.8	54.3	54.8	5 <u>4</u> • 0
≥ 18000	41.3	50.8	52.3	52.8	54.3	54.3	54.8	54.8	54.8	54.8	54.8	54.3	54.8	54.8	54.8	54.8
≥ .9000	42.1	53.9	52.4	53.0	54.4	54.4	55.0	55.0	55.0	55.0	55.D	55.0	55 · D	55.0	55.0	55.0
≥ 14000	42.1	50.9	1	53.0	54.4	54.4	55.0	55.0	55.0	55.0	55.C	55.C	55.0	55.0	55.0	55.0
≥ :2000	45.2	54.2	55.9	56.7	58.3	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.0	
≥ 10000	47.2	57.1	58.9	59.7	61.4	61.4	62.0	62.0	62.0	62.0	62.0	62.J	62.0	62.0	62.3	62.U
≥ 9000	47.6	58.1	59.8	60.8	62.5	62.5	63.0	63.0	63.0	63.0	63.C	63.0	63.0	63.0	63.7	63.0
≥ 800C	48.8	60.8	7	63.6	66.0	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	49.1	61.7	63.6	64.9	67.3	68.4	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	49.7	63.0	64.9	66.3	68.8	70.0	70.6	70.7	70.7	70.7	70.7	70.7	73.7	70.7	70.7	70.7
≥ 5000	<u> 50.5</u>	64.2	66.1	67.6	70.3	71.5	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	52.1	66.4	68.8	70.4	73.8	75.0	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	54.1	69.2	71.6	73.5	76.9	78.2	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 350C	55.5	71.4	73.8	75.8	79.2	80.5	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	59.3	75.1	77.7	<u>80.q</u>	83.3	84.8	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	55.8	85.8
≥ 2500	00.3	78.0	80.5	82.8	86.2	87.6	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	3A.7	88.7
≥ 2000	61.6	79.8	82.8	85.2	88.6	90.1	90.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	61.7	80.0	82.9	85.3	88.7	90.2	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	62.6	81.2	84.7	87.2	90.6	92.1	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	62.3	81.9	85.5	88.0	91.7	93.1	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ ,000	62.8	82.3	86.0	89.0	92.9	94.5	95.4	95.8	95.8	96.0	96.0	96.0	95.0	96.0	96.0	96.3
≥ 900	62.9	82.8	86.7	89.7	93.7	95.6	96.5	96.9	96.9	97.0	97.0			97.0	97.0	97.3
≥ 800	63.1	83.1	87.0	89.9	94.0	96.0	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	53.0	83.2	87.2	93.5	94.5	96.8	97.7	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	63.0	83.3	87.4	90.6	95 • C	97.3	98.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	63.0	83.3	87.4	90.6	95.2	97.6	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	63.4	83.3	87.4	90.4	95.2	97.6	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	63.0	R3.3	87.4	90.6	95.2	97.6	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.7	83.3	87.4	90.6	95.2	97.6	98.9	99.3	99.3	100.0	1 aa - ol	100.0	100.0	100.0	100.0	100.0
> 100	63.	83.3	87.4	90.6	95.2	97.6	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.	93.3	87.4	90.6	95.2	97.6			99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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L TAL CLIMATOLOGY BRANCH 4 SERVICE/MAC

CEILING VERSUS VISIBILITY

3.3LINGTON INTL VT

73-85

4US

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1235-1490 House (c.s.r.)

	1						VIS	.B . * > 51	ATUTE MILI		_					
7E . N 9																
(****	≥ ≎	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥;	≥ %	≥1%	≥1	≥ ¾	≥%	≥ ″	≥5/18	2.4	≥د
NO TELNO	77.1	45.0	45.3	45.7	46.1	40.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	45.2	46.2
≥ 20000	41.4	51.5	51.7	52.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.7	54.0
≥ 18000	41.4	51.5	51.7	52.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.3	54.0	54.5	54.0	54.0
≥ 5 HW.	41.5	51.6	51.9	52.8	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	2 ه 4د	54.2
≥ '4000	+2 • 2	52.3	52.6	53.5	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.3	54.3	54.8	54.8	54.5
≥ 500C	44.0	54.8	55.1	56.0	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9990	47.0	59.1	59.4	60.5	61.6	61.7	51.8	61.8	61.8	61.8	61.9	61.3	61.8	61.5	01.8	61.€
≥ 800¢	47.3	59.8	60.1	61.6	62.6			62.9			62.9			62.3	62.9	
≥ 9000	43.5	63.6	64.4	66.0	67.5	68.0		68.4			68.4		-	68.4	68.4	١ ١
≥ 7000	50.1	56.9	67.3	69.0						71.5						
≥ 6000	52.6	63.7	69.5		73.q			- 1			74.3			74.3		
£ 5000	55.	71.9	72.8								76.2				78.2	
≥ 4500	5€ • 7	74.5	75.4	77.2				7			80.9		80.9	80.9		
: 400c	59.3	77.3	79.6								84.3			84.3		
2 3500	62.9	83.4	81.9	93.7	85.9			87.6						67.6		97.8
≥ 3000	02.3	82.7	84.1	86.2		89.0		90.3	90.3							
2 2500	63.4	84.1	85.9	88.2	9 . 3	91.0			92.5	· . [92.6		
200%	54.8	86.4	88.3	90.6												_
± 800 ± 1500	64.	86.6	1	90.7	93.0			95.3	95.3		95.4			95.4	95.4	95.4
	υ 5.6	37.5	89.4		94.0						96.4			96.4		
≥ 1200	65.9	88.3	90.2		94.8	1		97.d	97.0		97.2			97.2	97.2	97.2
]	66.1	89.0			95.4								97.8			
> 900 ≥ 800	56.	89.2	91.3	93.9	95.8	96.5			98.3	98.4	98.4	1		98.4		
	56.	89.4	91.4		96.0					98.7						98.7
≥ 700 ≥ 600	26.3	89.4	91.4	1					98.7							
	16.	89.5														99.3
≥ 500	56.	89.7	91.9		96.8					99.7	99.7	99.7		-	-	
2 40C	56.	89.7	91.9			97.4		99.6		99.9					100.0	
≥ 300	06.	87.7	91.9		96.8	1		99.6	-	99.9		-			100.0	_
2 200	b 6 • 3	89.1	91.9	94.4	96.8			99.6		99.9					100.0	
- 100	56.	89.1	91.9	· · · · 1	1	- 1	1	99.6		99.9					130.0	
: "	ι 6.	89.7	91.9	94.4	96.8	97.4	99.3	99.6	99.6	99.9	99.9	99.9	170.0	100.0	190.3	130.0

TOTAL NUMBER OF OBSERVATIONS

DECRAE CLIMATOLOGY BRANCH COMPETAC AT MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 - 42

BERLINGTON INTL VT

73-80

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CECNO							٧١S	B.L.TV ST	ATUTE MIL	ES						
ree"v	≥c	≥ 6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥ (%	≥1%	≥1	≥%	≥%	≥ ¥:	≥ 5/16	≥ 4	≥c
NO CELLING	37.6	45.4	45.6	46.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.7
≥ 20000	44.1	54.6	55.1	55.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	44.2	54.7	55.2	55.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	44.2	54.7	55.2	55.8	57.3	57 <u>.</u> 3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ '460C	44.6	55.1	55.6	56.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 2000	46.5	57.8	58.3	58.9	63.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ '0000'	49.1	61.0	61.7	62.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 800C	49.7	61.7	62.4	62.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	52.1	66.1	67.1	67.7	70.7	70.7	70.7	70.7	70.7	76.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	55.	70.2	71.1	71.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	57.1	71.9	73.3	73.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000	<u>ს</u> ე•\$	76.3	78.1	79.0	82.	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	32.4	82.4	82.4
≥ 4500	51.4	77.7	79.6	80.5	83.7	83.7	84.0	84.0	84.0	84 . D	84.0	84 . D	84.0	84.0	84.0	84.0
2 400C	53.6	81.2	83.3	34.4	87.6	87.6	87.9	87.9	87.9	88.C	88.C	88.3	88.0	C.88	å8 . 0	88.0
≥ 350C	64.8	83.5	85.6	86.7	97.2	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	66.5	85.6	87.8	88.8	92.5	92.9	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	67.2	87.5	89.7	90.9	94.5	95.0	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	67.7	88.6	90.7	91.9	95.6	96.2	96.9		97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ '800	68 • 1	89.1	91.3	92.5	96.1	96.8	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ +500	69.8	89.9	92.1	93.3	96.9	97.6	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	69.1	93.3	92.5	93.8	97.6		98.9	99.1	99.1		99.2	99.2	99.2			99.2
≥ ,000	69.1	90.5	92.6	94.1	97.8	98.5	99.2	99.3	99.3		99.5	99.5	99.5	99.5		99.5
≥ 900	69.1	97.5	92.6	94.1	97.8	98.5	99.2	99.3	99.3		99.5	99.5	99.5			99.5
≥ 800	69.1	90.5	92.6	94.2	99.0	98.7	99.3	99.5	99.5		99.6	99.6	99.6	99.6		
≥ 700	69.1	90.6	92.7	94.4	98.1	98.8	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	69.1	90.6	92.7	94.4	98.1	98.8	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	69.1	90.6	92.9	94.5	98.3	98.9		99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 400	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	1 30.0	100.0	100.0	100.0	100.0	100.0
> 100	67.1	90.6	92.9	94.5	98.3	96.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	160.0	100.0	100.0	100.C

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 60 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ODSOLETE

744

SECRAL CLIMATOLOGY BRANCH USAFETAC 456 JEATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

1 - 142

BURLINGTON INTL VT

73-80

AU5

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1305-2000 HOURS (L.S.T.)

CEIL NO							VIS	iBiLTY ST	ATUTE MIL	ES"						
(FEET)	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ ; %	≥1%	≥1	≥ %	≥%	≥ v-	≥ 5/16	≥ %	23
NO CEILING	42.	48.7	49.3	49.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	5].9	50.9	50.9	50.
≥ 20000	48.1	56.7	57.9	58.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.
≥ 18000	40.1	56.9	58.1	58.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.
≥ .9000	48.3	57.0	58.2	58.5	60.1	63.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	50.1	60.
≥ 14000	48.8	57.8	59.0	59.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.
≥ :2006	51.6	61.8	63.0	63.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.
2000€ ≤	35.1	67.1	68.4	68.7	70.3	73.3	79.4	70.4	70.4	70.4	70.4	73.4	70.4	70.4	70.4	70.
≥ 9000	55.8	68.Q		69.6	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.
≥ 8000	5੪•9	72.8	74.5	74.7	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.
≥ 7000	61.0	75.8	77.6	78.0	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	85.6	80.6	8ũ.
≥ 6000	51.7	77.3	79.0	79.4	81.9	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	92.4	82.
≥ 5000	53.6	80.1	82.4	82.9	85.6	85.8	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	36.4	86.
≥ 4500	64.4	81.2	83.6	84.1	87.0	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	37.
≥ 4000	65.7	84.1	86.6	87.1	93.1	90.2	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.
≥ 3500	ა 6 . 8	85.3	87.8	88.3	91.3	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.
≥ 3000	67.1	87.6	.,,,,		94.9	95.0	95.7	96.1		96.1	96.1	96.1	96.1	96.1	96.1	96.
≥ 2500	67.1	88.0	91.0	92.2	95.6	95.7	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.
≥ 2000	68.0	88.4	91.4	92.1	96.1	96.2	97.0		97.4	97.4					97.4	97
≥ 1800	68.1	88.7	91.7	93.0	96 • 4	96.5	97.3	97.7	97.7	97.7	97.7	- 1	97.7		97.7	97.
≥ 1500	68 • 9	89.2	92.2	93.5	96.9	97.0		98.3	98.3	98.3	,,,,,			98.3	78.3	
≥ 1200	68.7	89.8	92.9	94.2	97.6	97.7	98.5	98.9	98.9	98.9		1	98.9	98.9		98.
≥ ,000	68.7	89.9	93.0	94.5	97.8	98.0		99.2	99.2	99.2				99.2		99.
≥ 900	68.	90.2	93.3	94.8	98.1	98.3	99.1	99.5	99.5	99.5	99.5		99.5			99,
≥ 800	68.7	90.4	93.3	94.8	98.1	98.3	99.1	99.5	,,,,							
≥ 700	68.	90.2	93.3	94 • 8	98.3	98.4	99.3	99.7	99.7	99.7	99.7		99.7	99.7	99.7	99.
≥ 600	68.7	90.4	93.3	94.8	98.3	98.4	99.3	99.7	99.7	99.7	99.7					
≥ 500	68.7	90.2	93.4	94.9	98.4	98.5						100.0				
≥ 400	68.7	93.4	93.4	94.9	98.4	98.5						100.0				
≥ 300	68.7	90.2	93.4	94.9	98.4	98.5	- 1					100.0				
≥ 200	68.	90.4	93.4		98.4	98.5						100.0				į
> 100	69.	90.2	93.4	94.9	98.4	98.5						100.0				
≥ ∪	68.7	90.2	93.4	94.9	98.4	98.5	99.6	100.0	100 • Q	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS _______744

GLUMAL CLIMATOLOGY BRANCH TESTAC ATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

YEARS

1 - 742

BURLINGTON INTL VT

STATION NAME

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 2100-2300 HOURS (L.S.T.)

CERNO							V15	B.L.TV ST	ATUTE MILI	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥ 2 1/.	≥ 2	≥ . %	≥11/4	≥1	≥ %	≥ %	≥ ٧.	≥ 5/16	≥ 4	≥c
NO CEILING	39.	48.8	50.4	50.8	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.9
≥ 20000	43.3	55.9	57.7	58.3	59.8	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	50.3
≥ 18000	43.3	56.0	57.8	58.5	59.9	59.9	60.2	60.2	60.2	6C.2	60.2	60.2	60.3	60.3	60.3	60.5
≥ 16000	43.7	56.5		58.9	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.6	60.8	60.9
≥ '4000	43.8	56.9	58.6	59.3	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.J	61.2	61.2	01.2	61.3
≥ :2000	46.1	60.1	63.4	63.7	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.9
> 0000	48.4	64.9	67.5	68.3	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.7
≥ 9000	48.9	65.5	68.4	69.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.8
≥ 8000	21.7	70.3	73.7	74.5	77.3	77.4	77.8	77.8	77.8	77.8	77.8	77.3	78.0	78.0	78.0	78.1
≥ 7000	_3 5 •0	74.6	78.1	78.9	82.0	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82 • è
≥ 6000	ુ5 • \$	77.2	80.8	81.6	84.7	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.5
≥ 5000	57.1	79.2	82.9	83.7	87.2	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.9	37.9	37.9	88.0
≥ 4500	53.1	80.5	84.3	85.1	88.6	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.4
≥ 4000	_58 .5	82.1	86.3	87.4	91.1	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.3	91.8	91.9
≥ 3500	59.0	83.2	87.4	88.4	92.3	92.5	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1
≥ 3000	_59 .5	84.4	88.8	89.9	94.2	94.4	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0	75.0	95.2
≥ 2500	59.7	84.9	89.4	90.5	94.8	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8
≥ 2000	59.5	85.5	90.3	91.4	95.7	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.8
≥ 1800	57.8	85.6	90.6	91.7	96.0	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.
≥ 1500	59.9	85.6	90.6	91.7	96 • Q	96.2	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.2
≥ 1200	50.8	85.9	91.7	92.2	96.5	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.7
≥ 1000	59.9	86.6	91.9	93.1	97.4	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.8
≥ 900	59.9	86.6	91.9	93.1	97.4	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.8
≥ 800	59.9	86.6	91.9	93.1	97.4	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.8
≥ 700	59.9	86.6	91.9	93.1	97.6	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.9
≥ 600	59.9	86.6	91.9	93.1	97.7	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3
≥ 500	59.9	86.6	91.9	93.1	98.0	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.7
≥ 400	59.4	86.6	91.9	93.1	98.0	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.7
≥ 300	59.9	86.6	91.9	93.1	98.0	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.7
≥ 200	59.9	86.6		93.1	99.d	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.9
> 100	57.9	86.6	91.9	93.1	98.0	98.8	99.3	99.5	99.5	99.5	99.5			99.6	99.7	100.0
≥ 0	59.9	86.6		93.1	98.0		99.3	99.5		99.5	- 1	99.5	99.6	99.6		100.5

TOTAL NUMBER OF OBSERVATIONS __

SE HAL CLIMATOLOGY BRANCH USAFETAC ATH REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16.41 BURLINGTON INTL VT

73-60

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS [L.S.T.]

CE:ENG					-		٧١S		ATUTE MIL	ES						
(PEET)	≥ .C	≥ 6	≥ 5	≥ 4	≥ 3	≥3.¥	≥ 2	۶.۱۶	≥1%	≥1	≥ ¼	≥%	≥ ∨	≥ 5/16	2%	≥0
NO CEILING	37.6	45.3	46.5	47.5	48.3	48.4	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.8	49.9	49.
≥ 20000	42.1	52.1	53.6	54.9	56.3	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.0	57.1
≥ 18000	42.2	52.2	53.6	55.0	56.4	56.5	56.7	56.7	56.7	56.9	56.9	56.9	57.3	57.0	57.1	57.2
≥ .6000	42.3	52.3	53.7	55.1	56.5	56.6	56.8	56.8	56.8	57.0	57.0	57.3	57.1	57.1	57.2	57.
≥ 14000	42.6	52.8	54.2	55.6	57.0	57.1	57.3	57.3	57.3	57.5	57.5	57.5	57.6	57.6	57.7	57.5
≥ :2000	44.9	56.0	57.7	59.1	60.5	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.4
2 10000	47.3	59.5	61.3	62.9	64.6	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.4	65.5
≥ 900C	47.7	<u>6</u> 0.5	62.3	64.d	65.7	65.9	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.5	66.6
≥ 8000	50.1	64.4	66.5	68.5	70.9	71.3	71.7	71.7	71.7	71.8	71.8	71.8	71.9	71.9	72.0	72.
≥ 7000	51.4	67.4	69.6	71.7	74.1	74.5	74.9	74.9	74.9	75.0	_75.D	75.0	75.2	75.2	75.2	75.4
≥ 6000	52.7	69.1	71.4	73.5	76.1	76.5	76.9	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.4	77.
≥ 5000	54.6	71.6	74.3	76.6	79.4	79.9	80.3	80.5	80.5	80.7	80.7	80.7	80.8	80.8	êJ.9	ε1.
≥ 4500	55.5	73.0	75.9	78.2	81.1	81.6	82.1	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.
≥ 4000	56.	75.4	78.6	81.1	84.2	84.7	85.2	85.5	85.5	85.6	85.7	85.7	85.8	85.8	85.8	86 .
≥ 3500	58.1	77.3	80.6	93.2	86.4	87.0	87.5	87.8	87.8	88.0	88.0	88.3	88.1	88.1	88.2	88.
≥ 3000	59.7	79.7	83.2	86.1	89.4	90.0	90.7	91.0	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.0
≥ 2500	6C.4	81.1	84.7	87.7	91.1	91.8	92.5	92.8	92.8	93.0	93.0	93.0	93.2	93.2	93.2	03.
≥ 2000	51.1	82.3	86.1	89.1	92.6	93.3	94.1	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.8	95.
≥ 1800	61.2	82.6	86.4	89.4	92.9	93.7	94.4	94.8	94.8	95.0	95.D	95.0	95.1	95.1	95.2	95.
≥ 1500	61.6	83.1	87.	90.2	93.7	94.4	95.2	95.5	95.5	95.8	95.8	95.8	95.9	95.9	96.0	96.
≥ 1200	4.1.7	83.6	87.5	90.1	94.3	95.2	96.0	96.3	96.3	96.5	96.6	96.6	96.7	96.7	96.7	76.
≥ .000	51.4	83.9	88.0	91.3	94.9	95.9	96.7	97.1	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.
≥ 900	61.6	84.1	88.2	91.0	95.2	96.2	97.0	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.9	98.
≥ 800	61.8	84.1	88.3	91.6	95.3	96.3	97.2	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.
≥ 700	61.8	84.2	88.3	91.8	95.5	96.5	97.4	97.9	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.
≥ 600	61.4	84.2	88.4	91.9	95.7	96.8	97.7	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.
≥ 500	61.8	84.2	88.4	92.0	95.9	97.0	98.1	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.
≥ 400	61.8	84.2	88.4	92.0		97.1	98.2	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.
≥ 300	61.9	84.2	88.4	92.0	95.9	97.2	98.3	98.8	98.8	99.2	99.3	99.3	99.5	99.5	99.5	99.
≥ 200	61.	84.2	88.4	92.0			98.3		98.8	99.3	99.3	99.3	99.5	99.5	99.5	99.
00′ ≤	61.8	84.2	88.4	92.0		97.2	98.4	98.8	98.8	99.3	99.3	99.3	99.6	99.6	99.7	100.0
2 0	61.9	84.2	89.4	92.0	-	_	98.4	98.8	98.8	99.3	99.3	99.3	99.6	99.6	99.7	100.

TOTAL NUMBER OF OBSERVATIONS ____

BLIBAL CLIMATOLOGY BRANCH BEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-742

BURLINGTON INTL VT

STATION NAME

73-80

320

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J000-020L

CELNO							v1\$	B . TV ST	ATUTE MIL	E 5						
(FEE')	<u>></u> .c	≥6	≥ 5	≥ 4	≥ 3	53%	≥;	≥ . %	≥1%	ا≤	≥ ¾	≥%	≱ ∀:	≥ 5/16	≥ '4	≥c
NO CEILING	34.7	43.8	41.9	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.
≥ 20000	38.2	45.8	47.4	49.6	50.4	50.4	50.4	50 - 4	50.4	50.4	50.4	50.4	50.4	50.4	50.6	51.
≥ 18000	38.2	45.8	47.4	49.6	5⊜.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6	51.
≥ 6000	33.2	45.8	47.4	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6	51.
≥ '4000	38 • 2	46.0	47.5	49.9	50.7	53.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8	51.
≥ .3000	39.6	47.4	48.9	51.3	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.
≥ .000c. ₹	42.6	50.6	52.2	54.7	55.6	55.6	56 • C	56.0	56.0	56.0	56.D	56.0	56.0	56.0	56.3	56
≥ 9000	43.9		53.3	55.8	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.4	57
≥ 9000	47.6	56.4	58.1	60.7	61.7	61.7	62.1	62.1	62.1		62.1	62.1	62.1	62.1	62.4	62.
≥ 7000	51.1	60.8	62.8	66.0	66.9	66.9				67.4	67.4	67.4	67.4	67.4	67.6	
≥ 6000	52.5	62.5	64.9	68.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.9	70.
≥ 5000	56.0	67.1	69.6	73.1	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6			74.9	75
≥ 4500	57.1	69.6	72.6	76.1	77.2	77.2	77.6			77.6	77.6	77.6	77.6	77.6	77.9	78
≥ 400C	58 <u>•</u> 2	71.3	74.7	78.9	80.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7	83.7	80.7	81.0	81.
≥ 3500	50.4	74.4	78.3	82.8	83.9	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	54.9	85
≥ 3000	€1.9	77.9	81.9	86.8	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.5	88.6	88.9	89.
≥ 2500	b2.4	79.3	83.3	88.2	89.4	89.7	90.1	90.1	90.1	90.1	90.1	93.1	90.1	90.1	93.4	90.
≥ 200 0	52.9	80.8	85.3	90.4	91.8	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.9	93
≥ 1800	62.1	81.0	85.6	90.8	92.2	92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.
≥ 1500	53.1	81.3	86.d	91.4	92.8	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.9	94 .
≥ 1200	53.3	81.7	86.4	91.8	93.2	93.5	93.9	94.0	94 . D	94.0	94.0	94.0	94.3	94.0	94.3	94
≥ .000	63.6	82.4	87.2	92.8	94.3	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.4	95
≥ 900	53.6	82.5	87.4	93.1	94.6	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	96.
≥ 800	53.6	82.8	87.6	93.3	94.9	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96
≥ 700	63.6	82.9	87.8	93.8	95.7	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	97.
≥ 600	63.6	83.1	87.9	93.9	96.0	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97
> 500	63.6	83.2	88.1	94.2	96.3	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	98
≥ 400		83.2	88.1	94.6					97.9				97.9	97.9	98.2	,
≥ 300	63.6		88.1	95.0				98.5					98.5			
≥ 200	03.6		88.2		97.5			98.9	98.9	99.2		99.2	99.2	1		
> 100	53.6		88.2		97.9					99.2			99.2			
≥ 0		83.2							98.9							

TOTAL NUMBER OF OBSERVATIONS __

723

CLERAL CLIMATOLOGY BRANCH USAFETAC All Weather Service/Mac

CEILING VERSUS VISIBILITY

1=7.42

burelington intl vt

73-80

EP

TATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J300-9500

CELNO							VIS	iB c™Y ST	ATUTE MIL	€5						
/FEE*)	≥:C	≥6	≥ 5	≥4	≥ 3	≥2%	≥2	≥ , %	21%	≥1	≥ %	≥%	≥ ∨	≥ 5/16	2 4	≥c
NO CEILING	36.3	39.9	40.3	41.5	41.9	41.9	42.1	42.1	42.1	42.2	42.2	42.2	42.5	42.5	43.3	44.
≥ 20000	39.7	44.3	45.0	46.9	48.3	48.6	48.8	48.8	48.8	48.9	48.9	48.9	49.2	49.3	53.1	50.0
≥ 18000	39.7	44.3	45.0	46.9	48.3	48.6	48.8	48.8	48.8	48.9	48.9	48.9	49.2	49.3	50.1	50.3
≥ :6000	39.7	44.3	45.0	46.9		48.6	48.8	48.8	48.8	48.9	48.9	48.9	49.2	49.3	50.1	50.6
≥ '4000	. 40•¢	44.6	45.3	47.2	48.6	48.9	49.0	49.0	49.0	49.2	49.2	49.2	49.4	49.6	50.4	51.1
≥ :2000	41.1	45.8	46.5	48.5	50.0	50.3	50.4	50.4	50.4	50.6	50.6	50.6	50.8	51.0	51.8	52 . 5
≥ 10000	43.6	48.5	49.2	51.5	53.3	53.6	53.8	53.8	53.8	53.9	53.9	53.9	54.2	54.3	55.1	55.8
≥ 9000	44.4	49.1	50.3	52.6	54.4	54.7	54.9	54.9	54.9	55.0	55.0	55.0	55.3	55.4	56.3	56.5
≥ 800C	47.6	53.2	54.2	56.7	58.5	58.8	59.3	59.3	59.3	59.4	59.4	59.4	59.7	59.9	60.7	61.4
≥ 7000	50.4	57.4	58.5	61.3	63.3	63.6	64.2	64.2	64.2	64.4	64.4	64.4	64.9	65.0	65.8	66.
≥ 6000	51.7	58.8	59.9	63.1	65.1	65.4	66.0	66.3	66.0	66.3	66.3	66.3	66.7	66.8	67.6	68.
≥ 5000	_53.4	62.8	63.9	67.2	69.3	69.6	70.1	70.1	70.1	70.4	70.4	70.4	70.8	71.0	71.8	72.5
≥ 4500	55.3	65.0	66.4	70.1	72.2	72.5	73.1	73.1	73.1	73.3	73.3	73.3	73.8	73.9	74.7	75.4
± 4000	56.5	67.5	69.2	73.1	75.1	75.4	76.0	76.d	76.0	76.3	76.3	76.3	76.7	76.8	77.6	78.3
≥ 3 50 C	58.3	70.8	72.8	77.1	79.7	80.0	80.6	80.6	8C.6	80.8	80.8	80.8	81.3	81.4	32.2	82.
≥ 3000	60.7	75.4	77.9	82.6	85.3	85.6	86.1	86.1	86.1	86.4	86.4	86.4	86.8	86.9	87.8	88.5
≥ 2500	61.1	76.5	79.2	83.9	86.5	86.8	87.4	87.4	87.4	87.6	87.6	87.6	88.1	88.2	89.0	89.
≥ 2900	61.4	77.5	87.3	85.0	87.6	87.9	88.5	88.5	88.5	88.8	88.8	88.8	89.2	89.3	90.1	90.8
≥ '800	61.5	77.4	80.6	85.3	87.9	88.2	88.8	88.8	88.8	89.0	89.0	89.0	89.4	89.6	90.4	91.
≥ 1500	61.8	78.6	81.4	86.5	89.2	89.4	9 .0	90.d	90.0	90.3	90.3	90.3	90.7	90.8	91.7	92.4
≥ 1200	62.1	79.4	82.6	88.1	91.1	91.4	91.9	91.9	91.9	92.2	92.2	92.2	92.6	92.8	93.6	94.
≥ .000	62.1	8១.៨	83.3	89.3	92.5	92.6	93.3	93.3	93.3	93.6		93.6	94.0	94.2	95.0	95.1
> 900	62.1	80.0	83.3	89.	92.5	92.8	93.3	93.3	93.3	93.6		93.6	94.0	94.2		95.
≥ 800	62.1	80.3	83.6	89.1	92.9	93.2	93.8	93.8	93.8	94.0	94.0	94.0	94.4	94.6	95.4	96.
≥ 700	62.1	80.3	83.8	90.0	93.3	93.6	94.2	94.2	94.2	94.4	94.4	94.4	94.9	95.0	95.8	96.
≥ 600	62.1	80.4	84.0	90.4	93.8	94 • d	94.6	94.6	94.6	95.d	95.d	95.0	95.4	95.6	96.4	97.1
≥ 500	62.1	80.4	84.0	90.	94.0	94.3	95.0	95.0	95.0	95.4	95.4	95.4	95.8	96.0	76.B	67.
≥ 400	62.1	85.8	84.4	91.8	95.3	95.6	96.4	96.4	96.4	96.8	96.8	96.8	97.2	97.4	98.2	98.
≥ 300	62.1	80.8	84.4	91.8	95.3	95.6	96.5	96.5	96.5	96.9	96.9	96.9	97.4	97.5		99.
≥ 500	62.1	80.8	84.4	91.8	95.3	95.6	96.5	96.5	96.5	97.2	1 1 1	1	- 1	97.9		
> 100	62.1	80.8	84.4	91.6	95.3	95.6	96.5	96.5	96.5	97.2				97.9		
≥ 0	62.1	80.6	84.4	91.8	95.1	95.6	96.5	96.5	96.5	97.2			- 1			

TOTAL NUMBER OF OBSERVATIONS ______7

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

BESHAL CLIMATOLOGY BRANCH

INSTITAC AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14:42

SURLINGTON INTL VT

73-80

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3630-0802 HOURS (L.S.T.)

"E11 N/3		-					VIS	B L.TV ST	ATUTE MIL	E S						
iffe v	≥ .c	≥6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥ . %	≥١%	≥1	≥ ¼	≥%	≥ 4.	≥ 5/16	≥ '4	≥0
NO CEUNG	34.4	37.2	37.6	38.1	38.5	36	38.8	39.0	39.0	39.0	39.D	39.0	39.7	39.0	39.4	39.6
≥ 20000	33.6	42.2	42.6	43.6	44.6	44.9	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	46.3	46.1
≥ 18000	33.6	42.2	42.6	43.6	44.6	44.9	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	46.0	46.1
≥ 6000	35.6	42.2	42.6	43.6	44.6	44.9	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	46.3	46.1
≥ '4000	37.4	43.2	43.5	44.6	45.6	45.8	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.9	47.1
≥ .500¢	40.5	44.6	45.0	46.0	46.9	47.2	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.5	48.6
2.000€	43.3	47.8	48.3	49.3	50.3	50.6	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51 • 8	51.9
≥ 9000	43.6	48.3	48.9	49.9	50.8	51.1	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.4	52.5
≥ 8000	46.9	51.9	52.9	54.0	55.3	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.9	57.1
≥ 7900	48.6	55.0	55.8	57.1	59.0	59.4	59.7	60.0	60.0	60.0	_60 <u>•</u> ე	_60.3	60.1	60.1	60.8	61.0
≥ 6000	49.9	56.9	58.1	59.4	61.9	62.4	62.8	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.9	64.3
≥ 5000	52.5	61.0	62.1	63.6	66.1	66.5	66.9	67.2	67.2	67.2	67.2	67.2	67.4	67.4	68.1	68.2
≥ 4500	53.6	62.1	63.5	65.0	67.5	67.9	68.5	68.8	68 . B	68.8	68.8	68.8	68.9	68.9	69.6	69.7
≥ 400C	56.3	65.1	66.7	68.2	71.0	71.4	71.9	72.2	72.2	72.2	72.2	72.2	72.4	72.4	73.1	73.2
≥ 3500	60.4	69.9	71.4	73.1	76.3	77.1	78.2	78.5	78.5	78.5	78.5	78.5	78.6	78.6	79.3	79.4
≥ 3000	63.5	74.3	76.Q	77.8	81.0	81.9	83.3	83.6	83.6	83.6	83.6	83.6	83.8	83.8	84.4	84.6
≥ 2500	65.0	76.5	78.2	80.1	83.3	84.4	85.8	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.9	87.2
≥ 2000	66.4	78.2	80.0	82.2	85.4	86.7	88.3	88.6	88.6	88.6	88.6	88.6	88.8	88.8	89.4	89.7
≥ 1800	56.4	78.5	80.3	82.5	85.7	86.9	88.6	88.9	88.9	88.9	88.9	88.9	89.0	89.3	89.7	93.0
≥ 1500	67.4	79.4	81.3	83.5	86.7	87.9	89.6	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.7	91.0
≥ 1200	67.8	80.4	82.2	84.7	88.1	89.4	91.1	91.4	91.4	91.4	91.4	91.4	91.5	91.5	92.2	92.5
≥ .000	69.1	81.4	82.8	85.3	88.9	90.3	91.9	92.2	92.2	92.2	92.2	92.2	92.4	92.4	93.1	93.3
≥ 900	68.1	81.0	82.8	85.3	88.9	90.3	91.9	92.4	92.4	92.4	92.4	92.4	92.5	92.5	73.2	93.5
≥ 800	68.4	81.1	82.9	85.7	89.3	91.1	92.9	93.3	93.3	93.3	93.3	93.3	93.5	93.5	94.2	94.4
≥ 700	68.2	81.1	82.9	85.7	89.3	91.3	93.1	93.5	93.5	93.5	93.5	93.5	93.6	93.6	94.3	94.6
≥ 600	68.4	81.3	83.1	86.1	89.7	91.7	93.5	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.7	95.C
≥ 500	68.2	81.5	83.3	86.4	90.6	92.9	95.C	95.4	95.4	95.7	95.7	95.7	95.8	95.8	96.5	96.8
≥ 400	68.4	81.5	83.5	86.7	91.d	93.5	95.8	96.4	96.4	96.8	96.8	96.8	96.9	96.9	97.6	97.9
≥ 300	68.2	81.7	83.6	86.8	91.3	93.9	96.4	96.9	96.9	97.5	97.5	97.5	97.8	97.8	98.5	98.8
≥ 200	68.2	91.7	83.6	86.8	91.3	94.0	96.5	97.1	97.1	97.8	97.8	97.8	98.2	98.2	98.9	99.2
2 100	68.2	81.7	83.6	86.8	91.3	94.0	96.5	97.1	97.1	97.8	97.8	97.8	98.2	98.2	99.2	99.6
≥ 0	68.4	81.7	83.6	86.8	91.3	94.0	96.5	97.1	97.1	97.8	97.8	97.8	98.2	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS _______720

GELBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

SURLINGTON INTL VT

73-80

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_900=1170

CELNG						<u> </u>	v:5	ST	ATUTE MIL	E5						
(FEE*)	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ . %	≥1%	≥1	≥ 4	≥%	≥ ∨	≥ 5/16	2.4	≥.
NO CEUNG	35.6	39.3	39.7	40.0	40.6	40.8	41.0	41.3	41.0	41.0	41.0	41.3	41.0	41.0	41.7	41.0
≥ 20000	39.5	43.8	44.4	44.7		45.6	46.0	46.0	46.D	46.0	46.0	46.3	46.0	46.3	46.3	46.7
≥ 18000	39.7	43.9	44.6	44.9	45.4	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	45.1	46.1
≥ .9000	39.7	43.9	44.6	44.9		45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ '4000	40.7	44.2	44.7	45.1	45.7	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
5 .500€	42.9	47.1	47.8		48.8	49.0	49.4	49.4	49.4	49.4	49.4		49.4	49.4	49.4	49.4
≥ 10000	45.4	50.8	51.7	51.9	52.6	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 9000	46.9	52.2	53.1	53.3	54.0	54.3	54.7	54.7	54.7	54.7	54.7		54.7	54.7	54.7	54.7
≥ 8000	40.3	55.6	56.5	56 • 8	57.5	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 7900	52.4	59.0	60.1	60 · q	61.5	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	52.6	62.6
≥ 6000	53∙∜	63.8	61.9	62.5	63.6	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 5000	_57.4	64.6	66.0	66.8	68.1	63.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	59.6	66.4	67.8	68.6	70.0	70.8	71.8	71.8	71.8	71.8	71.8	71.3	71.8	71.8	71.5	71.8
≥ 4000	-60•≹	68.9	73.4	71.3	72.6	73.6	74.7	74.7	74.7	74.7	74.7	74.7	74 • 7	74.7	74.7	74.7
≥ 3500	65.1	73.6	75.3	76.1	77.5	70.6	80.1	80.1	80.1	80.1	80.1	90.1	80.1	80.1	80.1	80.1
≥ 3000	68.4	78.5	8 <u>0.3</u>	81.1	82.6	83.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	₹5.4	95.4
≥ 2500	71.8	81.7	83.5	84.3	86.0	97.1	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	59.4	88.
<i>≥</i> 2000	73.5	83.5	85.3	86.1	87.8	88.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	93.6	93.6	901.4
≥ 800	74.2	84.3	86.1	86.9	88.6	89.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	75.3	86.3	88.1	98.9	90.7	91.8	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	75.8	86.9	88.8	39.7	91.7	93.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ .000	76.	87.5	89.1	90.6	92.6	94.0	95.6	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	76.3	87.5	89.3	90.6	92.8	94.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	76.4	87.9	89.7	91.0	93.5	95.d	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	76.5	88.2	90.0	91.1	93.9	95.6	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	76.	88.5	90.3	91.5	94.2	95.8	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	76.4	88.6	90.4	91.1	94.6	96.3	98.3	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	76.8	88.6	90.4	91.1	94.6	96.4	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	76.8	98.6	90.6	91.6	94.7	96.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	76.8	88.6	90.4	91.8	94.7	96.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.3	100.0	100.0
> 100	76.8	88.6	90.6	91.8	94.7	96.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.8	88.6	90.4	91.8	94.7	96.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	130.0	190.0

TOTAL NUMBER OF OBSERVATIONS __

72.

SECRAL CLIMATOLOGY BRANCH AT MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 42 BEFLINGTON INTL VT

73-80

1200-1400 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

₹.N.,							vis	8 . * ST	ATUTE MIL	ES		-				
(455.)	2 :	≥6	≥5	≥ 4	≥ 3	73₹	≥ 2	≥ %	≥1%	≥1	≥ 4	≥ %	≥ v.	≥ 5/16	24	≥c
NO E:N . ≥ 20000	34.3	4 1 . 3	40.3	40.4	41.1 46.0		41.1 46.0	41.1 46.0	41.1 46.0	41.1 46.0	41.1 46.0	41.1 46.0	41.1 46.0	41.1 46.0	41.1 46.0	41.1 46.0
2 9000 2 57%	4 2 4	45.0	45.0	45.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	45.1	46.1
≥ '4600 ≥ 2000	-1.3	46.3	46.3	45.8	47.4	47.4	47.4	47.4	47.4	46.5	47.4	47.4	46.5	47.4	47.4	47.4
≥ :000C	45.1	52.5	52.6	48 • 8 53 • 2	53.9	53.9	49.4 53.9	53.9	53.9	49.4 53.9	53.9	53.9	53.9	49.4 53.9	53.9	53.9
≥ 900C ≥ 800C	47.1	53.6	53.8 58.6	54.3 59.2	55.0 59.9	55.0 60.0	55.0 60.0	55.0 60.0	55.0 60.0	55.0 60.0	55.0 60.0		55.0 60.0	55.0 65.0	55.7 60.0	55.C
≥ 7000 ≥ 6000	54.9	62.8	63.1	63.6	64.3	67.5	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	67.5	67.5
≥ 5000	ამ•6	69.3	69.9	70.7	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500 ± 4000	67.1	71.8 77.1	72.5	78.8	74.3	74.4	74.4 79.9	74.4		79.9	74.4 79.9	74.4 79.9	74.4 79.9	74.4 79.9	74.4 79.9	74.4
≥ 3500 ≥ 3000	70•6 7 3• 8	81.7	82.6 86.3	83.5 _87.2	84.9 88.6	85.1 88.9	85.1 88.9	85.1 88.9	85.1 88.9	85.1 88.9	85.1 88.9	85.1 88.9	85.1 88.9	85.1 88.9	85.1	85.1 88.9
≥ 2500 ≥ 2000	76.1 77.9	88.2	89.2 90.6	90.1 91.5	91.5 92.9	91.9 93.3	91.9	91.9 93.3	91.9 93.3	1	91.9	91.9 93.3	91.9 93.3	91.9	91.9	91.9
≥ 1800 ≥ 1500	77.9 79.3	89.7	90.7	91.7	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5 95.3	93.5	93.5 95.3	93.5
≥ 1200 ≥ 1000	78.3	91.4	92.5	93.5	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
± 90€	78.5	91.8	93.2	93.9	96.0	96.4	96.5	96.5	96.5	96.5	96.3	96.5	96.5	96.5	96.5	96.5
≥ 700	76.6 78.6	92.2	93.3	94.4	96.3	96.7	96.8	96.8		97.4	96.8			96.8		96.3
≥ 600	78.6 78.6	92.2	93.3	94.4	96.1	97.2	97.5	97.9		97.9	97.9		97.9	97.9		97.9
≥ 400	78.6	92.2	93.3	94.4	97.1	98.3	98.6	99.2	99.2	99.3		99.3	- 1	99.3	99.3	
≥ 200	78.6	92.2	93.3	94.4	97.1	98.3	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	78.6 73.6	92.4	93.9 93.9				99.3	99.9		100.0			_			

TOTAL NUMBER OF OBSERVATIONS

<u> 72:</u>

BLURAL CLIMATOLOGY BRANCH USAFETAC Alt REATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14742 BURLINGTON INTL VT

73-80

SEF

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1530-1750 Hours (Lat.)

CEILING							v1\$	aBic™v ST	ATUTE MIL	E5						
(FEE.)	≯ .c	≥6	≥ 5	≥4	≥ 3	≥ 2 %	≥ 2	≥.%	≥1%	≥1	≥ 4	≥%	≥ v	≥5/18	276	≥ ¢
NO CEIUNG ≥ 20000	36.3	43.4	40.6	7	41.5						41.5			41.5	41.5	41.5
	39.9	44.0	44.2				45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	30.4	44.7	44.2	44.2	45.1			45.1	45.1	45.1	45.1	45.1		45.1	45.1	45.1
≥ '6000	40.1	44.6	44.7	44.7	45.7		45.7				45.7	45.7		45.7	45.7	45.7
≥ 14000	40.3	44.7	44.9	44.9	45.8	45.8		45.8			45.8			45.8	-	45 · ċ
≥ ,5000	42.9	46.9	47.1	47.2	48.2	48.2								48.2	49.2	48.2
≥ ,0000	44.7	50.0	50.3	50.4	51.4									51.5	•	51.5
≥ 9000	45.3	50.8	51.1	51.3	52.2	52.4							Ī	52.4		
≥ 800C	49.2	55.4	56.0	56 • 1	57.1						57.2	57.2		57.2	57.2	57.2
≥ 7000	53.1	61.9	62.5	62.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.5
≥ 6000	56.4	65.6	66.1	66.3	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5000	61.	70.7	71.4	71.7	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.5
≥ 4500	54.2	74.2	74.9	75.4	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
2 40℃	56.	77.6	78.5	79.4	80.0	80.6	80.6	80.6	80.6	80.6	60.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	70.8	83.1	84.4	85.0	86.1	86.7	36.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	73.2	86.7	88.1	88.9	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	74.7	89.0	90.6	91.7	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	75.3	89.7	91.3	92.4	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	75.4	90.3	91.8	92.9	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	75.6	90.8	92.4	93.6	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.0
≥ 1200	75.6	93.8	92.4	93.8	95.3	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ .000	75.6	91.1	92.8	94.2	95.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.3
≥ 90C	75.6	91.3	92.9	94.4	96.0	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	75.6	91.3	93.1	94.9	96.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	75.6	91.3	93.1	94.9	96.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	75.6	91.3	93.1	95.0	96.5	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98 - 1	98.1	98.1	98.1
≥ 500	75.6	91.3	93.1	95.	97.1	98.5	98.8	98.8	98.8	98.9				99.0	99.0	99.0
≥ 400	75.6	1	93.1	95.3	97.4	98.9	: 1	99.4	99.4	99.6	99.7		99.9	99.9	99.9	99.9
≥ 300	75.0		93.	95.3	97.4	98.9	99.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	75.6		93.1	95.3	97.4	98.9				99.7			130.0	1		
> 100	75.6		93.	95.	97.4					99.7						100.0
≥ 0	75.6	1	93.1	95.3	97					99.7		-				
							تخنت									

720 TOTAL NUMBER OF OBSERVATIONS ____

ULTRAL CLIMATOLOGY BRANCH FINANCE AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15.742

BURLINGTON INTL VT

73-80

SED

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L.S.Y.)

1<u>2 -</u>

CELNG							v15	B LITY ST	ATUTE MIL	ES			<u>-</u>			
/*EE*)	⋝ .0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	≥ . %:	≥1%	≥1	≥ ¾	≥%	≥ %	≥ 5/16	≥%	≥ડ
NO CEIUNG ≥ 20000	36.1	38.6	7 1	39.4			40.6	40.6		40.6	40.6	40.6	40.6	46.6	40.6	40.6
	43.1	44.4					46.8				46.8			$\overline{}$	46.9	
≥ 18000 ≥ 16000	40.1	44.4	[''']	45.6		46.7	46.8 46.8	46.8 46.8		46.8	46.8	46.3	46.8	46.8	46.8	46.8
≥ 14000	40.3	44.6		45.7	46.8	Ī	46.9	46.9			46.9	46.9	46.9	46.9	46.9	46.9
≥ .5000	42.6		1		49.3		49.4				49.4	49.4	49.4	49.4	49.4	49.4
00001 ≤	45.0	50.1		51.9	53.6		53.8			53.8	53.8	53.8	53.8	53.8	53.3	
≥ 9000	45.7	51.1	51.8	52.9			54.7	54.7	54.7		54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	50.9	57.1	57.8				60.8				60.8	60.8	60.8	60.8	63.8	60.9
≥ 7000	55.4	63.8	64.9	66.4	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	58.8	67.6	68.8	70.3	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 5000	-,2 - 1	71.5	72.8	74.6	76.5	76.5	76.7	76.7	76.7	76.7	76.7	16.7	76.7	76.7	76.7	76.7
≥ 4500	63.3	73.3	74.6	76.7	78.6	78.6	78.8	78.8	78.8	76.8	78.8	78.8	78.8	78.8	78.8	78.5
2 4000	54.4	75.3	76.4	78.6	80.6	83.6	30.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	30.7	80.7
≥ 3500	67.2	79.3	87.7	83.2	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	95.4	85.4	85.4
≥ 3000	69.1	82.8	84.3	87.4	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	69.9	84.3	86.1	89.3	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
2 2000	70 - 1	85.3	87.5	91.0	94.4	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ '800	70.1	85.6	87.8	91.4	94.9	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	70 • 1	85.8	88.1	31.4	95.7	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	79 • 1	86.1	88.8	92.8	96.5	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ ,000	70.1	86.7	89.3	93.3	97.1	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	70.1	86.7	89.3	93.3	97.1	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	70.1	86.7	89.4	93.4	97.4	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	70.1	86.7	89.4	93.6	97.5	97.9	98.2	98 • Z	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	70.1	86.7	89.6	93.8	97.8	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	70.1	86.7	89.7	93.9	98.1	98.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	70 • 1	86.7	90.0	94.3	98.5	99.0	99.3	99.3	99.3	99.7	99.7			99.7	99.7	99.7
≥ 300	70.1	86.7	90.0	94.3	98.5	99.0	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	70.1	86.7	90.0	94.3	98.5	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.s
> 100	70.1	86.7	90.0	94.3	98.5	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.3	103.0	100.0
2 0	70.1	86.7	97.0	94.3	98.5	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _

BELSAL CLIMATOLOGY BRANCH SCAFETAC ALS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 42

BURLINGTON INTL VT

73-63

SEF

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4100-230:

CELNO							v1\$	B CTY ST	ATUTE MIL	ES	_					
(FEET)	≥ ''C	≥ 6	≥5	≥ 4	≥ 3	≥2%	≥ ?	≥ ⋅ ⅓	≥1%	≥1	≥ %	≥ %	≥ ٧	≥ 5/16	≥%	≱ર
NO CEUNG	37.9	42.4	42.8	43.9	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	42.1	48.2	49.3	51.0		51.9	51.9	51.9	51.9	51.9	51.9	51.9		51.9	51.9	51.9
≥ 18000	42.1	49.2	49.3	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ '6900	42.1	43.2	49.3	51.0	51.9	51.9					51.9	51.9			51.9	51.9
≥ '4600	42.1	48.2	49.3	51.0	51.9				51.9	1	51.9	51.9			51.9	51.9
≥ 12000	43.6	49.9	51.0	52.6	53.6	53.6			53.6			53.5			53.6	53.0
20000 ≤	44.9	51.5	52.9	54.4	55.4	55.4	55.4	55.4	55.4		55.4	55.4	55.4	55.4	55.4	55.4
≥ 9000	45.7	53.1	54.3	56.0		56.9						56.9			56.9	
≥ 8000	49.4	57.9	59.3	61.3	62.2	62.2		1	62.5			62.5			62.5	62.5
≥ 7000	54.6	64.2	65.F	67.8	68.9	68.9		69.3	69.3			69.3	69.3		-	69.3
≥ 6000	55.₫	66.7	68.5	70.4	71.8	71.8	72.2		72.2		72.2	72.2			72.2	72.2
≥ 500 0	58.5	69.9	72.1	74.6	76.Q	76.0			76.4		76.4	76.4	76.4			76.4
≥ 4500	59.7	72.4	74.6		78.6	78.6			79.0		79.0	79.0				
± 4000	<u> გე•</u> ტ	74.3	77.1	80.1	81.4	81.5			81.9	81.9	81.9	81.9	81.9			91.7
≥ 3500	52.8	78.2	81.5	34.9	86.3	36.4	86.8		86.8	86.8	86.8	86.8			ಕ6 • 5	86.9
≥ 3000	64.0	81.0	84.4	88.1	97.0	90.1				90.7	90.7	90.7	90.7	90.7	70.7	90.7
≥ 2500	54.4	82.8	86.5	90.4	92.5	92.6				93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	04.7	84.2	88.1	92.1	94.3	94.4				95.0	95.0	95.0	95.0		95.3	95.0
≥ 1800	64.7	84.4	88.3	92.4	95•Q	95.1			95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	64.7	84.9	88.5		95.6	95.7	96.1		96.3	96.3	96.3	96.3	96.3			
≥ 1200	64.9	85.6	89.4	93.6	96.5	96.7	97.1		97.2		97.2	97.2	97.2	97.2	97.2	97.2
≥ ,000	64.7	86.4	90.0	94.3	97.2	97.4			97.9		97.9	97.9		97.9		
≥ 90 0	64.9	86.1	90.3	94.7	97.6	97.8	98.2		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	64.7	86.1	90.4	94.9		97.9		98.5		98.5	98.5	98.5				
≥ 700	64.9	86.1	97.4	94.9	97.9	98.1	98.5			98.6	98.6	98.6			98.5	
≥ 600	64.9	86.3	90.7	95.1	98.2	98.5				99.0	99.0	99.0	99.0			
≥ 500	64.9	86.3	90.7	95.1	98.2	98.5	99.0				99.2	99.2			99.2	99.2
≥ 400	64.9	86.4	91.0		98.6	98.9						99.9				99.9
≥ 300	64.9	86.4	91.0	95.6	98.6	98.9				100.0						100.0
≥ 200	64.9	96.4	91.0			98.9				100.0						
> 100	64.9	86.4	91.0	7		98.9				100.0					_	
<u> </u>	64.7	86.4	91.0	95.6	98.6	98.9	99.9	100.q	100.q	100.0	100.0	100.0	100.0	ם•פיזו	100.0	130.0

LE DAL CLIMATOLOGY BRANCH DELTAC AD LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 4 4 2

BURLINGTON INTL VT

73-80

550

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

rec∾o							viS	8. ** 574	ATUTE MIL	E 5						
(#EE*)	≥ ' \$	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	≥ - %	≥′%	≥,	≥ 1/4	≥%	24	≥5/16	2 4	≩ċ
NO CEUNO	36.0	39.9	43.3	40.9	41.5	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.9	42.
≥ 2000C	34,8	44.7	45.3	46.4	47.3	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.9	48.0
≥ 18000	30.5	44.7	45.4	46.4	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.8	48.0
≥ 1600%	30,9	44.9	45.5	46.5	47.4	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	48.0	48.1
≥ '400€	41.2	45.2	45.8	46.9	47.8	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3	48.5
≥ 2000	42.	47.1	47.7	48.8	49.8	49.9	50.0	50.1	50.1		50.1	50.1	50.1	50.1	20.3	53.5
≥ .0000	44.5	53.2	51.	52 • 2	53.3	53.4	53.6	53.6			53.6	53.6	53.6	53.7	53.9	54.3
≥ 9000	45.3	51.3	52.1	53.3	54.3	54.5	54.6	54.7				54.7				
≥ 800C	49.0	55.7	56.6	58.0	59.1	59.3	59.6	59.6			59.6	59.6	59.7	59.7	59.9	63.1
≥ 7000	52.7	60.6	61.7	63.2	64.5	64.7	64.9	65.0	65.0	65.0		65.J	65.1	65.1	65.3	 -
≥ 6000	34.6	63.0	64.2	65.9	67.3	67.5	67.8	67.8	67.8	67.9	67.9	67.9	68.3	68.0	69.2	i .
≥ 5000	57.7	67.1	68.5	70.3	71.8	72.0			72.4			72.4				
≥ 4500	59.4	69.3	70.9	72.8	74.4	74.6		75.1	75.1		75.1	75 - 1	75.2		1	75.6
≥ 4000	61.4	72.1	73.9	76.0	77.6	77.9					78.4	78.4				
≥ 3500	64.3	76.4	78.4	80.7	82.5	82.9				1 1	ı .	83.5	1		33.8	1 -
≥ 3000	66.9	83.2	82.4	85.0		87.4					88.1	88.1	88.2			
≥ 2500	68.2	82.3	84.6	37.3	89.3	89.8					90.5	90.5		L		_
≥ 2000	67.3	83.6	86.0	88.8	91.0	91.5				92.3						92.F
≥ 1800	69.3	83.9	86.4	89.2		92.3	92.6	92.7						-		
≥ 1500	60.5	84.8	87.3	90.2	92.6	93.1	93.7			93.9						94.4
≥ 1200	69.7	85.3	87.9	91.0	93.4	94.1	, ,	94.8			1	94.8				950!
≥ .000	69.9	85.8	88.5	91.7		94.9			95.6			95.7				96.7
≥ 900	69.9	85.9	88.6	91.9	94.4	95.1	95.7	95.8							1	46.4
≥ 800	64.9	86.0	88.9	92.2	94.8			96.3								96.
≥ 700	69.9	86.1	88.8	92.3	95.0	95.9										97.1
≥ 600	70.0	86.2	89.0	92.5		96.2		97.1								
≥ 500	70.0	86.3	89.1	92.7	95.7	96.7	97.6									98.1
≥ 400	70.0	86.3	89.2	93.0	96.1	97.2			98.4			98.7				99.
≥ 300	70.0	86.4	89.3	93.1	96.3	97.4	98.6		-					99.1		39.
≥ 200	70.0	86.4	89.3	93.1	96.3	97.4	98.7	98.9								99.
> 100	70.0	1	89.3	93.2	96.3	97.5			98.9	1 1			99.4		1	
≥ 0	70.0	36.4	89.3	93.2	96.3	97.5	98.7	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.7	100.

TOTAL NUMBER OF OBSERVATIONS ___

576

E TAL CLIMATOLOGY BRANCH TOTETAC AT JEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 . . 4 2

SURLINGTON INTL VI

73-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1030-0253 Hours (L.s.T.)

^E. N/o		-					v15	B. " 5"	ATUTE MILI	ES						
(#887)	≥ '0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	≥ . ૠ	21%	≥1	≥ %	≥ %	2 "	≥ 5/16	2 4	≥ ₹
NO TEUNT	33.1	39.0	37.8	40.2	43.3	40.3	47.6	40.6	40.6	40.6	40.7	40.7	47.9	42.9	43.9	41.3
≥ 20000	35.4	42.5	43.3	43.7	43.8	43.8	44.1	44.1	44.1	44.1	44.2	44.2	44.4	44.4	44.4	44.8
≥ '800\$	35.3	42.5	43.3	43.7	43.8	43.8	44 - 1	44.1	44.1	44.1	44.2	44.2	44.4	44.4	44.4	44.3
≥ 6≒07.	35.1	42.5	43.3	43.7	43.8		44.1	44.1	44.1	44.1	44.2			44.4	44.4	44.3
≥ '4000	35.1	43.4	44.2	44.6	44.8	44.8	45.g	45.0	45.0	45.0	45.2	45.2	45.3	45.3	45.3	45.7
≥ 200€	36.	44.5	45.3	45.7	45.8					46.1	46.2			40.4		
≥ 1900€	39.5	48.4	49.2	49.6			50∙0	50.0	50.0	50.0			50.3		20.3	50.7
≥ 9000 ≥	40.1	45.9	49.7	50.1	50.3		50.5			-					50.8	
≥ 800C	43.1	53.4	54.3	54 • 8	55.0	55.0	55.2	55.2	- 1	55.2		1		55.5	55.5	55.9
≥ 7000	46.3	57.8		60.1	60.3	60.3	60.6									
≥ 6000	40.5	60.2	61.7	52.5			63.0	_		[1			63.3	
2 5000	52.	66.7	68.3	69.2	69.5	69.5	69.8									
≥ 450C	55.6	71.6	73.9	74 • 5	74.7	74.7	75.Q								75.3	
± 4000	59.1	75.9	73.	78.9	79.4	79.4	79.7	79.7	79.7	79.7	79.8				80.0	50.4
≥ 350C	1.7	79.8	81.9	82.9	83.5	83.5	83.7	83.7	83.7	83.7	33.9	83.9	8 - • 0	34.0	34.7	34.4
≥ 3000	63.4	82.9	85.1	36.4	87.0	87.0	87.2	87.2	87.2	87.2	87.4				37.5	87.9
≥ 2500	64.7	84.8	87.4	88.8	89.4	39.4	89.7	89.7	89.7	89.8	89.0	89.9	90.1	9J.1	90.1	90.5
₫ 2000	55.2	96.7	89.2	91.0	91.5	91.5	91.8	91.8					92.2		€2.2	
2 800	55.2	86.7	89.4	91.3	91.8	91.8	92.1	92.1	92.1	92.2	92.3	92.3	9.05	92.5	92.5	35.3
≥ 1500	55.3	87.2	93.1	92.5	93.1	93.1	93.4			93.5		93.7	03.8	93.0		94.2
≥ 1200	05.6	87.6	90.9	23.4	94.1	94.1	94.4	94.4	94.4	94.5	94.6	94.6	94.8	94.8	94.8	95.2
≥ .000	65.6	87.6	91.1	93.8	94.5				94.8			95.0				95.6
≥ 90€	≎5.6	87.6	91.3	94.0	94.6	94.6	94.9	94.9	94.9	95.0	95.2	95.2	95.3	75.3	95.3	95.7
≥ 800	ბ 5 • 1	87.9	91.5	94.4	95.0		95.6	95.6		95.8						C 6 ● d
≥ 700	∞5.7	87.9	91.7	94.5	95.2	45.3	95.7	95.7	95.7	96.0	96.4	96.4				96.9
≥ 600	υ 5 • 7	87.9		94.5	95.2	95.3	95.7	95.7				96.4				96.9
≥ 500	55.1	87.9	91.1	94.5	95.2	95.3	96.0	96.0				96.6			96.8	97.2
≥ 40C	55.1	87.9	1 1	95.0		95.8	96.6					97.3			97.4	97.8
≥ 300	05.7	87.9	91.7	95.0	95.7	95.8	96.6	96.6	96.5	97.3	97.7	97.7	97.8	97.8	97.8	98.3
≥ 200	55.1	37.9	91.1	95.3	96.2	76.4	97.2	97.2	97.2	98.1	98.5	98.5	98.7	98.7	98.7	99.1
> 100	05.	87.9	91.	95.3	96.2	96.4	97.2	97.2	97.2	98.3	98.7	98.7	98.9	98.9	78.9	99.5
ں ⊵	05.1	87.9	91.7	95.3	96.2	96.4	97.2	97.2	97.2	98.3	98.7	98.7	98.9	93.9	98.9	100.7

LUPAL CLIMATOLOGY BRANCH " AFETAC ATH REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BURLINGTON INTL VT

STATION NAME

73-85

OCT

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.T.)

WISIR: TV STATUTE MILES CEILNO IFEE'S ≥ :0 ≥2% ≥ . % 21% ≥5/16 29.5 38.2 38.6 38.6 38.6 38.7 38.7 38.7 NO TEUN 37.0 37.6 38.6 33.6 38.7 38.7 33.8 39. ≥ 20000 39.9 43.9 43.9 40.9 40.9 40.9 41.0 41.0 41.0 41.3 41.0 41.1 41.5 32. 40.5 37.2 40.9 40.9 40.9 41.0 41.0 41.0 40.9 40.9 40.9 41.0 41.0 41.0 40.5 43.5 39.2 ≥ 18000 32. 39.9 40.9 43.9 41.0 41.0 41.1 41.5 43.9 30.9 40.9 41.0 41.0 37.2 41.1 41.5 32. 41.4 41.5 32.1 39.5 ≥ '4000 ≥ 2000 43.8 44.2 44.2 44.2 44.2 44.2 44.4 44.4 44.4 44.4 44.5 44.5 34.4 42.6 43.3 47.3 47.3 47.3 47.4 47.4 47.4 47.4 47.4 47.6 48. ≥ 10000 ≥ 9000 36. 45.6 46.2 46.9 47.3 47.3 45.7 46.4 47.3 47.4 47.4 47.6 47.6 47.6 47.7 47.7 47.7 47.7 47.7 47.8 48.3 36 . 3 51.2 51.6 51.6 55.1 55.6 55.6 ≥ 9000 40 • 2 50.1 7000 53.d 53.4 42. 55.8 56.6 2 0000 44.6 5000 48.3 64.9 66.7 67.6 68.1 68.1 68.4 68.4 68.4 68.5 68.5 68.5 68.5 68.5 450C 53. 58.7 59.1 * 400C 71.5 71.5 71.8 71.8 71.8 71.9 71.9 71.9 71.9 71.9 : 3 . 72.0 72.4 68.1 69.2 71.0 77.4 74.9 80.9 350C 55. 73.5 76.9 59.1 79.4 83.6 61.0 82.0 83.6 86.4 **2500** 89.8 89.8 90.1 90.1 90.1 90.2 90.2 90.2 97.2 9J.2 90.3 90.7 2000 89.1 62.1 83.7 85.6 89.7 90.3 90.3 90.6 90.6 90.6 90.7 90.7 90.7 90.7 90.7 90.7 90.9 91.3 90.7 91.4 91.4 91.7 91.7 91.7 91.8 91.8 91.8 91.8 91.8 91.9 92.3 34.3 86.2 62.4 91.4 91.4 91.7 91.7 91.8 91.8 91.8 91.8 91.8 91.8 91.8 92.1 92.1 92.1 92.3 92.3 92.5 92.5 92.5 92.5 92.5 92.7 92.7 93.0 93.0 93.0 93.1 93.1 93.1 93.1 93.1 1500 P4.9 87.1 02.6 85.2 87.5 91.4 92.6 93. 1200 62.6 > 85.4 88.1 93.3 93.7 .000 92.1 85.2 88.2 92.2 92.9 92.9 900 · 2 • 6 ≥ 93.4 800 62.6 85.5 88.7 92.7 93.7 94.0 94.0 94.0 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.4 94.3 94.5 94.5 94.8 94.8 94.8 94.8 94.8 94.6 74.9 95.3 94.8 94.8 94.8 95.0 95.0 95.0 95.0 95.0 95.2 95.6 95.3 95.3 95.3 95.7 95.7 95.7 95.7 95.7 95.8 96.2 95.7 95.7 95.7 95.7 95.7 95.8 96.2 93.1 93.8 94.1 52.6 85.6 88.8 94.4 600 62.6 P5.6 89.0 93.3 94.0 62.6 85.6 89.2 62.6 35.6 89.2 93.7 94.4 94.8 500 400 94.8 95.2 35.6 94.1 97.3 94.2 95.4 96.6 96.6 96.6 97.3 97.3 97.3 97.3 12.6 85.6 89.2 95.0 300 97.4 97.4 97.4 98.1 98.1 98.1 98.1 96.1 98.3 98.7 95.7 2 200 02.6 85.6 89.4 94.8 96.1 97.6 97.6 98.3 98.3 98.3 98.5 98.7 99.1 95.7 96.1 -2.6 85.6 89. 94.8 97.6 59.5 100 95.7 97.6 97.6 98.3 98.3 98.3 98.9 98.9 99.1136.4 96.1 87.4 94.8 97.6 85.6 744

TOTAL NUMBER OF OBSERVATIONS _

SECRAL CLIMATOLOGY BRANCH AT FETAC SERVICE/MAC

CEILING VERSUS VISIBILITY

YEARS

19742 BURLINGTON INTL VT

73-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-7600 HOURS (LEET)

CELLNO.							viS	B . ** ST	ATUTE MIL	E5						
(FEET)	≥.0	≥6	≥ 5	≥ 4	≥ 3	≥3%	≥ ;	≥ √%	≥1%	≥1	≥ %	≥%	≥ ∨	≥5/16	2 %	≥c
NO CEIUNG ≥ 20000	29.2 3 3. 5	31.1	31.4		31.6	31.6 36.7								32.2	32.4	32.4
≥ 18000	33.3	36.2	36.5		36.7	36.7	36.7	37.0	37.0		37.3					27.6
≥ 18000	33.5	36.2	36.5		36.7	36.7			37.0	37.3	37.3					37.6
≥ '460C	33.5	36.5	36.7	37.	37.0	37.0		37.3	37.3	37.6	37.6	37.6	37.6	37.6	37.8	37.8
≥ 2000	35.0	39.8	39.1	39.3	39.4	39.4	39.4	39.7	39.7	40.0		40.0	40.0	40.0	43.2	40.2
2 0000	37.6	41.7	42.0	42.4	42.5	42.5	42.5	42.8	42.8	43.2	43.2	43.2	43.2	43.2	43.5	43.5
≥ 9000	38.0	42.3	42.5	42.9	43.1	43.1	43.1	43.3	43.3	43.7	43.7	43.7	43.7	43.7	44.7	44.3
≥ 9000	+1.2	46.0	46.3	46.8	47.0	47.0	47.0	47.2	47.2	47.6	47.6	47.6	47.6	47.6	47.9	47.5
≥ 7900	42.1	47.8	48.0	48.7	48.9	48.9	49.3	49.5	49.5	49.9	49.9	49.9	49.9	49.9	50.2	500€
≥ 6000	45.2	50.5	50.9	51.5	51.7	51.7	52.1	52.4	52.4	52.8	52.8	52.8	52.8	52.8	53.0	53.0
≥ 5000	45.7	54.2	54.6		55.5	55.5				56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 450C	51.3	57.9	58.3	59.0	59.1	59.1	59.6	59.9	59.9	60.3	60.3	60.3	67.3	60.3	o3.6	60.6
± 4000	55.	62.7	63.1	63.8	63.9	63.9			84.9		0303	65.3				65.5
≥ 350C	51.2	69.4	70.1	70.9	71.1	71.2	71.9		72 - 1	72.5	72.5	72.5		72.5	72.8	72.3
≥ 3000	66.1	76.3	77.1	78.1	78.3	78.6		79.5				79.9		79.9		80.2
≥ 2500	69.6	30.3	81.7	82.9	83.6		1		84.9	• •						
₹ 2000	71.9	82.9	84.3	35.7	86.5				88.2							88.8
≥ '800	71.6	83.3	84.7	86.1	86.9	87.3	88.2		88.6			89.0				
≥ 150C	72.1	94.1	85.9	86.9			89.5		89.9							
≥ 1200	72.9	84.8	86.1	87.6		89.5			91.0		1	91.4		91.4		1
≥ .000	72.5	84.9	86.8	88.4	89.5		91.5		92.1	92.5						
≥ 900 ≥ 800	72.5	84.9	87.1	88.7	89.8	90.6		92.3	92.3	92.7	92.7	92.7	92.7	92.7	93.0	
	72.9	84.9	87.1	88.7	89.8	93.7	92.2	92.1	92.7	93.3		93.3				
≥ 700 ≥ 600	72.9	84.9	87.1	96.7	89.8	- 1	92.2	92.7	92.7	93.3						
	72.5	85.1	87.2	89.0		91.3	92.7	93.3	93.3	93.8					94.2	
≥ 500 ≥ 400	72.5	85.1 85.2	87.6	89.2	90.7	91.8	- 1	95.7	94.3	94.9						
	72.5	85.4	87.8			93.3	95.8	97.2	97.2		97.7	97.7	98.1	98.1	98.7	
≥ 300 ≥ 200	72.5	85.2	87.8		1	93.3	96.0		97.6						99.2	
	72.5	95.2	87.8		91.7	93.4				98.7			99.3		100.0	
> 100 > 0	72.5	85.2	87.6		1	93.4			97.8						130.0	
لــــــــــا	1207	05.4	0/09	37.9	7101	7309	70.4	71.0	71.0	7001	70.0	70 0	7763	7763	10 0 U	40000

JECHAL CLIMATOLOGY BRANCH CONFETAC ATTO VEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

3 BLINGTON INTL VT

STATION NAME

73-83

OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0933-1100

TELNO.							¥1\$: 8 *v . ST:	ATUTE MIL	ES						
1988")	≥ .0	≥6	≥ 5	≥ 4	≥ 3	×c≥	≥ 2	≥+%	≥1%	≥1	≥ *	≥%	≥ ∀:	≥ 5/16	2.4	≥ ડ
NO CELING	31.4	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0	34.D	34.0	34.0	34.C	34.7	34.0
≥ 20000	34.	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
≥ 18000	34.9	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37 . R	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 900v	34.9	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37 . 8	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ '4000	35.6	30.0	39.1	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 2000	36.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	45.1	40.1	40.1	40 - 1	40.1	40.1	43.1
≥ ''0000'	39.4	42.6	42.6	42.6	42.6	42.6					42.7	42.7	42.7	42.7	42.7	42.7
≥ 900C	39.0	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 8000	41.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 7000	43.4	45.1	48.1	48.3	48.3	48.3	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	46.7
≥ 6000	45.2	49.9	49.9	50.0	50.0	50.0	50.3	50.3	50.3	50.4	50.4	50.4	50.4		50.4	50.4
≥ 5000	42.1	53.4	53.5	53.6		53.9	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 4500	51.1	57.0	57.1	57.3	57.5	57.5	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
2 400C	53.6	60.5	60.4	60.8	61.2	61.2	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.5	61.6
≥ 3 50 0	57.4	67.7	67.9	68.1	68.5			68.8	68.8	69.0	69.0	69.3	69.0	69.0	69.0	69.0
≥ 3000	69.5	78.6	78.9	79.2	79.7	79.7	80.d	80.d	80.0	80.1	80.1	80.1	80.2	80.2	80.2	50.2
≥ 2500	72.4	82.4	82.9	83.3	84.0	84.1	84.4				84.5	84.5	84.7	64.7	84.7	84.7
2000	75.4	86.0	86.6	87.0	87.8	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	98.4
≥ !800	75.5	86.7	87.2	87.8	88.6	88.7	39.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1500	75.9	87.6	88.3	88.8	89.8	89.9	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.6	93.6	93.6
≥ 1200	76.2	88.2	88.8	89.4	90.3	90.7	91.0	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ .000 }	76.3	88.8	89.5	90.3	91.3	91.7	91.9	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 900	76.3	89.8	90.6	91.7	92.6	93.1										
≥ 800	76.3	93.1	90.9	92.1	93.0	93.5	94.0	94.2	94.2	94.5	94.5	94.5	94.8	94.8	94.8	94.8
≥ 700	76.3	93.1	93.9	92.1	93.3	93.8	94.4	94.6	94.6	94.9	94.9	94.9	95.2	95.2	95.2	95.2
≥ 600	76.3	90.5	91.3	92.5	93.8	94.4	94.9	95.2	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.7
≥ 500	76.3	90.5	91.4	92.7	94.2	95.0		96.2		96.5						96.9
≥ 400	76.3	90.5	91.4	92.9	94.5	95.4	96.5	97.2	97.2	97.6	97.6	97.6	98.0	98.0	98.0	98.5
2 300	76.3	90.5	91.4	92.9	94.5	95.7	97.2				98.7					99.1
≥ 200	76.3	90.5	91.4	92.9	94.5	95.7		98.7		99.2	99.3		1	- 1		
00 ج	76.3	93.5	91.4	92.9	94.5	95.7	97.6	98.7	98.7	99.2	99.3	99.3	99.9	99.9	10.0	100.0
2 0	76.3	90.5	91.4	92.9	94.5	95.7	97.6			99.2						

TOTAL NUMBER OF OBSERVATIONS ____

744

GEREAL CLIMATOLOGY BRANCH STAFETAC ATH MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-042 BURLINGTON INTL VT

73-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1270-1400 HOURS (L.S.Y.)

181.NG							٧١S	. TY 5T	ATUTE MILI	ES						
ifEE's	≥ 10	≥6	≥5	≥ 4	≥ 3	×2.₹	2.2	≥ %	≥1%	٠,	≥ ¾	≥%	≥ v.	≥5/16	≥	≥:
NO CERTING	34.3	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	35.3	36.4
≥ 20000	37.7	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.5
≥ 18000	39.7	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	+2.2	42.5
≥ 6000	39.1	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.5
≥ 1460C	40.6	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.4
≥ .300€	42.3	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.2
2000°. ≤	44.1	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.3	47.0	47.0	47.0	47.3
≥ 9000	44.6	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1
≥ 8000	46.5	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3
≥ 7900	48.7	5 • 4	52.4	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2
≥ 6000	50.3	54.2	54.2	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.5	54.8	55.1
≥ 5000	55.1	59.4	59.4	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3
≥ 4500	50.0	63.6	63.6	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.5
≥ 400C	53.1	68.7	68.8	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8
≥ 3500	68.4	74.5	74.6	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5
≥ 3000	74.9	83.1	83.3	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	34.1	84.1	34.1	84.4
<u> 2</u> 2500	77.2	85.9	86.3	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	97.2	87.5
≥ 2000	78.5	87.4	87.8	88.2	88.7	88.7	88.8	88.8	86.8	88.8	88.8	88.8	68.8	88.8		89.1
≥ +800	78.8	88.0	88.4	89.0	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.3	89.8	89.8	89.8	96.1
≥ 1500	79.6	89.9	90.3	70.9	91.4	91.5	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	72.2	92.5
≥ 1200	6J.2	91.3	91.7	92.5	93.0	93.3	93.8	94.0	94.0	94.0	94.0	94.0	94.3	94.0	94.0	94.2
≥ .000	30.4	91.7	92.1	92.9	93.4	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4		
≥ 900	80.2	92.1	92.5	93.3	93.8	94.1	94.6	94.8	94.8	94.8	94.8	94.3	94.8	94.8	94.8	95.0
≥ 800	ಕರ.2	92.3	93.4	94.0	94.5	94.8	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.1
≥ 700	30.2	92.9	93.5	94.5	95.3	95.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
≥ 600	80.4	92.9	93.5	94.5	95.3	96.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 500	60.2	92.9	93.5	94.9	95.7	96.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0
≥ 400	30.≹	92.9	93.5	94.9	95.7	96.4	97.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4		
≥ 300	30.4	92.9	93.5	94.9	96.0	96.9	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.5
≥ 200	80.≱	92.9	93.5	94.9	96.Q	96.9	98.7	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	reard
> 100	63.4	92.9	93.5	94.9	96.0	96.9	98.7	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	100.0
ی خ	30.2	92.9	93.5	94.9	96.Q		98.7	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	<u> </u>

SERVAL CLIMATOLOGY BRANCH PROTECTAC ATHUR SERVICE/MAC

CEILING VERSUS VISIBILITY

16 742

SURLINGTON INTL VT

73-80

OCT

AT.ON STATION NAM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 1530-1702 HOURS (4.8.7.)

GELNO.							v (S	B . ** ST	ATUTE MILI	ES.						
rfee"x	≥ :0	≥6	≥ 5	≥4	≥ 3	≥2%	≥ ;	≥ . ½	≥1%	≥1	≥ 4	≥ %	≥ 4.	≥ 5/16	2 4	≥c
NO CEIUNO	35.5	36.8	36.8	36.8	35.8	36.8	36.8	36.8	36 . R	36.8	36.8	36.6	36.8	36.8	36.8	36.8
≥ 27000	42.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	42.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2		44.2	44.2	44.2
≥ 16000	42.6	44.2	44.2	44.2	44.2			44.2		44.2	44.2	44.2		44.2	44.2	44.2
≥ '400C	43.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2		45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 2000	44.0	45.6	45.6	45.6	45.6			45.6			45.6			45.6	45,6	
≥ ,0000	4(.9	48.5	48.7	48.7	48.7	43.7	48.7	48.7			48.7			48.7	49.7	
≥ 9000	47.0	49.2	49.3	49.3	49.3	49.3										
≥ 8000	49.3	52.0		52.2	52.4		52.4	52.4		52.4	52.4			52.4	52.4	52.4
≥ 2000	51.7	55.1	55.2	55.2	55.5	55.5	<u> 55.5</u>	55.5		55.5	55.5			55.5	55.5	55.5
≥ 6000	54.4	58.3	58.5	58.5	58.7	58.7	58.7	58.7		58.7	58.7	58.7		58.7		
≥ 5000	51.0	65.5	65.6	65.6	65.9	65.9		65.9			65.9					65.7
≥ 4500	56.4	71.6	71.9	71.8	72.0	72.2	_		72.2					72.2	1	
2 400C	72.3	78.4	73.6	78.8	79.0	79.2			79.2							79.2
≥ 3500	75.4	81.7	82.0	82.3	82.7	82.8	82.8			_	- 1			82.8		
≥ 3000	79.7	87.4	87.6	88.2	88.6									88.7		
≥ 2500	81.3	89.8	90.1	90.9	91.3	91.4				_		91.4		91.4		91.4
≥ 2000	81.9	91.5		92.7	93.1	93.3				93.3						
≥ '800	31.9	91.7	91.9	92.9	93.3		-	'	93.4					93.4	93.4	
≥ 1500	32.4	93.1			94.8				94.9						94.9	
≥ 1200	82.9	93.7	94.0		95.3	95.4				95.4			95.4	95.4	95.4	95.4
≥ ,000	32.7	94.4	94.6		96.2					96.4		96.4		96.4	96.4	96.4
≥ 900	62.7	94.4	1		96.2			1				96.4	96.4	96.4	96.4	96.4
≥ 800	82.7	94.4			96.2									96.4		
≥ 700	62.7	94.4	1 '''		96.6				-					96.9		
≥ 600	95.	94.4								97.7						
≥ 500	82.7	94.4	94.6		97.0									98.4		
≥ 400	02.1	94.4			97.2					98.7				98.7		
≥ 300	82.1	94.4	94.6			98.4	99.1							99.2		
≥ 200	c 2 • 1	94.4			97.3	98.4	99.2				99.3					
> 100	32.	94.4	1 1			98.4			99.6				l			i
2 0	82.1	94.4	94.6	96.2	97.3	98.4	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	BCG •3

TOTAL NUMBER OF OBSERVATIONS

GLERAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14/42

BURLINGTON INTL VT

OCT

MONTH

1800-2000 PERCENTAGE FREQUENCY OF OCCURRENCE HOURS (L.S.T.) (FROM HOURLY OBSERVATIONS)

CELNG							VIS	B . TY 574	ATUTE MIL	E5						
CEETY !	≥ :0	≥6	≥ 5	≥ 4	≥ 3	53%	≥ 2	≥ √%	21%	₹,	≥ 4	≥%	≥ ٧.	≥5/16	2%	≱č
NO CERING	35.5	37.5	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	40.3	44.1	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000	40.5	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ .9000	40.5	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	40.1	44.5	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ ;500€	41.4	45.d	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
90001 ≤	44.4	48.3	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 9000	44.9	48.8	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 8000	49.3	54.6	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 7000	52.4	58.5	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5		59.5	59.5	59.5
≥ 6000	55.5	62.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	_
≥ 5000	59.9	67.7	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6		69.6	
≥ 4500	64.8	72.7	74.2	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	68.5	77.4	79.1	79.6	83.0				80.2		80.2	80.2	o0.2	30.2	c 0 • 2	86.2
≥ 3500	71.8	91. q	83.5	83.9	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	73.8	83.7	86.4	87.2	87.8	88.2		88.2	88.2		88.2	88.2	89.2		88.2	98.2
≥ 2500	76.3	86.7	89.9	90.9	91.7	92.1		92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	77.4	88.2	91.4	92.7	93.8	94.2	94.2		94.2		94.2	94.2	94.2		94.2	94.2
≥ 1800	77.4	88.4	91.7	93.0	94.1	94.5		94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	78.7	89.2	92.6		95.2	95.6		95.6	95.6		95.6	95.6				
≥ 1200	78.1	89.7	93.1	94.9		96.0		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ .000	78.1	89.7	93.1	94.8		96.4		96.5	96.5		96.5	96.5				96.5
≥ 900	78.2	90.2	93.7	95.1	96.5	96.9			97.0		97.0	97.0	97.0	-		
≥ 800	78.4	90.2	93.1	95.3	96.6	97.0			97.2					97.2		
≥ 700	78.4	90.2	93.7	95.3	96.9	97.4		97.8	97.8			97.8				
≥ 600	78.4	90.2	93.7	95.4	97.0	97.7	98.0		98.1		98.1	98.1	98.1	96.1	98.1	
≥ 500	78.4	93.3	94.0	95.7	97.4	98.1	98.7	98.8	98.8			-				
≥ 400	79.4	93.3	94.2	96 • 1	98.Q		99.2		99.3	99.3	99.3					99.3
≥ 300	78.4	90.3	94.2	96.1	98.Q	98.9	99.5	-	99.6		99.6	99.6				
≥ 200	78.4	90.3	94.2	96.1	98.0				99.6							99.9
> 100	78.4	90.3	94.2	96.1	98.0				99.6					100.0		
≥ 0	78.4	90.3	94.2	96.1	98.0	98.9	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ___

744

ULUSAL CLIMATOLOGY BRANCH USAFETAC ATS JEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

SURLINGTON INTL VT

73-80

CCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (CAT)

CEILNG							VIS	B:L:** ST	ATUTE MIL	ES .						
(FEET)	≥:0	≥6	≥5	≥ 4	≥ 3	≥ 2 %	≥ ?	≥.%	≥1%	≥1	≥ %	≥ %	≥ v.	≥ 5/16	≥ %	≥c
NO CEILING	33.3	36.8	37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.8	37.R
≥ 20000	36.0	41.3	41.5	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.2
≥ 18000	36.3	41.3	41.5	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.2
≥ .9000	35.4	41.7	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6
≥ 14000	36.6	41.8	42.1	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7
≥ :2006	33.0	43.3	43.5	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2
2 10000	41.3	47.2	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4
≥ 9000	42.2	48.1	48.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
≥ 8000	45.4	52.8	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.6
≥ 7000	50.4	57.9	_59.g	59.7	59.7	59.7	59.7	59,7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.3
≥ 6000	53.1	62.4	63.6	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.4
≥ 5000	57.3	67.3	69.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	59.4	69.4
≥ 450C	51.3	71.8	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.3
≥ 400C	55.1	76.9	78.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 3500	68.8	81.7	83.5	84.5	84.5	84.5			84.7	84.7	84.7	84.7	84.7	84.7	64.8	84.8
≥ 3000	71.2	86.3	_88.g	89.2	89.2	89.2	89.4	89.4	69.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5
≥ 2500	73.0	88.3	90.5	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 2000	73.1	88.8	91.4	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3
≥ !800	73.3	89.4	92.1	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94 . C	94.0	94.0	94.0	94.1	94.1
≥ 1500	73.5	90.1	_93.0	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 1200	73.7	90.7	94.0	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ ,000	74.1	91.1	_94.5	96.5	96.9	96.9	97.d	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 900	74.1	91.5	95.0	97.0	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 800	74.1	91.5	_95.1	97.0	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0
≥ 700	74.1	91.5	95.0	97.0	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 600	74.1	91.5	95.0	97.0	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3
≥ 500	74.1	91.5	95.0	97.0	97.8	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7
≥ 400	74 . 1	91.5	95.3	97.6	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
≥ 300	74.1	91.5	95.3	97.6	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
[≥ 200	74.	91.5	95.3	97.6	98.5	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
> 100	74.1	91.5	95.3	97.6	98.5	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7
2 0	74.1	91.5	95.3	97.6	98.5	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	roo∙cl

DECHAL CLIMATOLOGY BRANCH STAFETAC AI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14/42

SERLINGTON INTL VT

STATION NAME

73-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.Y.)

CEILING							viS	B . TY ST	ATUTE MIL	ES.			<u>-</u>			
(FEE*)	≥ :0	≥ 6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥ √%	≥1%	۱≤	≥ ¼	≥%	≥ v.	≥ 5/16	≥ ¼	≥c
NO CERUNG	32.7	36.0	36.3	36.5	36.6	36.6	36.7	36.7	36.7	36.8	36.8	36.8			36.9	
≥ 20000	36.4	40.9	41.2	41.4	41.5	41.5	41.6		41.6	41.7	41.7	41.7	41.7	41.7	41.8	41.9
≥ 1800/	36 . 9	40.9	41.2	41.5	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.8	41.9
≥ 6700.	36.4	41.0	41.3	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	42.3
≥ '4000	37.4	41.6	41.9	42.1	42.2	42.2	42.2	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.6
≥ :2000	38.5	43.1	43.3	43.6	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.9	44.0
200001 ≤	41.1	46.1	46.5	46.8	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.3
> 900C	41.6	46.8	47.1	47.4	47.5	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.9
≥ 8000	44.7	50.5	51.1	51.4	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.8	52.0
≥ 7000	47.3	53.8	54.4	54.9	55.1	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.6
≥ 5000	49.7	56.7	57.3	57.9	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.6
≥ 5000	53.4	62.d	62.8	63.4	63.6	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.1
≥ 4500	57.1	66.4	67.2	67.8	68.0	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6
≥ 4000	01.4	71.1	72.0	72.7	73.d	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.6
≥ 3500	65.3	76.2	77.3	78.1	78.4	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	79.3
≥ 3000	69.8	82.2	83.4	84.4	84.9	85.0	85.2	85.2	85.2	85.3	85.3	85.3	5.3ع	85.3	85.4	85.5
≥ 2500	71.4	85.1	86.5	87.7	88.3	88.4	88.6	A8.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	89.0
2000	73.1	86.9	88.5	89.9	90.5	90.7	90.9	91.0	91.0		91.1	91.1	91.1	91.1	91.2	91.3
≥ 1800	73.2	87.3	88.9	90.4	91.0	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.8
≥ 1500	73.7	88.3	90.0	91.7	92.4	92.6	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.3
≥ 1200	73.9	88.9	90.7	92.5	93.2	93.4	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.2
≥ .000	74.0	89.2	91.2	93.1	93.8	94.1	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.8	94.9
≥ 900	74.0	89.5	91.6	93.9	94.2	94.5	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.3
≥ 800	74.1	89.6	91.8	93.7	94.5	94.9	95.3	95.5	95.5		95.7	95.7	95.7	95.7	95.8	95.9
≥ 700	74.1	89.7	91.9	93.9	94.8	95.2	95.7	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.4
≥ 600	74.1	89.7	92.1	94.1	95.d	95.5	96.1	96.3	96.3	96.4	96.5	96.5	96.5		96.6	96.7
≥ 500	74.1	89.8		94	95.3	95.9	96.7	96.9	96.9		97.1	9:11				
≥ 400	74.1	89.8		94.6	95.7	96.4	97.3	97.6	97.6	97.8	97.9	97.9				
≥ 300	74.	89.8		94.6	95.8	96.7	97.8	98.2	98.2	98.5	98.6	98.6	98.7	98.7	78.8	98.9
≥ 200	74.1	89.8			96.0	96.8		98.6	98.6		99.1	99.1	99.2	99.2		, ,
> 100	74.1	89.8			96.0			98.6	98.6	99.2	99.3	99.3	99.5	99.5	99.6	99.9
2 0	74	89.8			96.0			7			99.3	99.3				100.0
<u> </u>		~9		الناب												التنتا

TOTAL NUMBER OF OBSERVATIONS _______5951

GLOBAL CLIMATOLOGY BRANCH PRETAC A PREATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VT

STATION NAME

73-80

NOV

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 0000-0200 HOURS (L.S.T.)

CELNO							· 15-	B . ** ST.	ATUTE MIL	ES		····			-	
(FEET)	≥:0	≥6	≥5	≥ 4	≥ 3	¥2.4	≥ 2	≥ /-	≥1%	≥,	≥ ¼	≥ %,	≥ v:	≥5/16	≥ ′₄	≥c
NO CEILING	22.5	25.6	26.0	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	26.9	27.1	27.1
≥ 20000	24.2	23.3	28.8	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.9	29.9
≥ 1800C	24.2	23.3	23.8	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.9	29.9
≥ .9000	24.2	28.3	28.8	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.9	29.9
≥ '4000	24.3	25.6	29.2	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30 • C	30.0	33.1	30.1	30.3	30.3
₹ ,5000	27.4	31.8	32.4	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.3	33.5	33.5
≥ 10000	29.8	34.2	34.7	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.8	35.8
≥ 900C	29.0	35.Q	35.6	36.3	36.4	36.4	36 . 4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.7	36.7
≥ 8000	30.4	37.1	37.6	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.8	38.8
≥ 7000	34.3	42.5	43.2	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.2	44.2	44.3	44.3
≥ 6000	37.8	47.4	48.1	48.8	48.9	48.9	48.9	48.7	48.9	48.9	48.9	48.9	49.0	49.3	49.2	49.2
≥ 5000	42.2	54.3	55.1	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.4	56.4
≥ 4500	46.9	63.0	61.0	62.2	62.4		62.4	62.4			62.4	62.4	62.5	62.5	62.6	62.6
≥ 4000	50.4	64.4	66.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.9	67.9
≥ 3500	53.3	73.7	73.1	74.4	74.6	74.6	74 . 6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.9	74.9
≥ 3000	55.7	75.1	78.8	80.6	80.7	80.7	80.8	80.8	80.8	81.0	81.0	81.3	51.1	31.1	31.3	81.3
≥ 2500	56.7	78.2	82.5	85.C	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.6	85.6	85.7	85.7
≥ 2000	58.5	81.5	86.8	89.6	89.7	89.7	90.0	90.0	90.0	90.1	90.1	90.1	90.3	90.3	90.4	90.4
≥ 1800	58.6	81.7	86.9	89.7	89.9	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.6	90.6
≥ 1500	58.6	82.2	87.6	90.6	90.8	90.8	91.4	91.4	91.4	91.5	91.5	91.5	91.8	91.8	91.9	91.9
≥ 1200	58.6	82.4	88.1	91.3	91.8	91.8	92.5	92.6	92.6	92.8	92.8	92.8	93.2	93.2	93.3	93.3
≥ .000	58.6	82.5	88.9	92.2	92.9	92.9	93.6	93.8	93.8	94.0	94.0	94.0	94.6	94.6	94.7	94.7
≥ 900	58.6	83.1	89.4	92.9	93.8	93.8	94.4	94.6	94.6	94.9	94.9	94.9	95.4	95.4	95.6	95.6
≥ 800	58.6	83.1	89.4	92.9	93.8	93.8	94.4	94.6	94.6	94.9	94.9	94.9	95.4	95.4	95.6	95.6
≥ 700	54.6	83.1	89.6	93.1	93.9	93.9	94.6	94.7	94.7	95.1	95.1	95.1	95.7	95.7	95.8	95.8
≥ 600	58.6	83.2	89.7	93.5	94.3	94.3	95.3	95.6	95.6	96.D	96.0	96.0	96.5			96.7
≥ 500	58.6	83.2	89.7	93.6	94.6	94.9	96.0	96.3	96.3	96.7	96.7	96.7	97.2	97.2	97.4	97.4
≥ 400	58.4	83.2	89.7	94.0	95 • d	95.3	96.5	96.8	96.8	97.5	97.8	97.8	98.3			98.5
2 300	58.6	83.2	89.7	94.0	95.0	95.3	96.5	96.8	96.8	97.6	98.1	98.1	98.6	98.6	98.8	98.8
≥ 200	58.6	83.2	89.7	94.d	95.Q	95.3	96.5	96.8	96.8	97.8	98.2	98.2	98.8	98.8	98.9	98.9
> 100	59.6	93.2	89.9	94.2	95.1	95.4	96.7	96.9	96.9	97.9	98.6	98.6	99.2	99.2	99.6	99.6
≥ 0	58.6	83.2	89.9	94.2	95.1	95.4	96.7	96.9	96.9	97.9	98.6	98.6	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS ___

723

SEPAL CLIMATOLOGY BRANCH USAFETAC AL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 - 42

AGRLINGTON INTL VT

73-80

NOV

STATION

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-0503

CEILNO							viS	18:L TY ST	ATUTE MIL	ES						
IFEE">	≥10	≥6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥ (½	≥1%	≥1	≥ %	≥ %	≥ ∨	≥ 5/16	≥ 4	≱ડ
NO CEILING	21.3	25.0	25.4	26.3	25.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.4	26.7
≥ 20000	23.5	28.1	28.6	29.4	29.4	29.4	29.4				29.4	29.4	29.6		29.6	
≥ 18000	23.5	28.1	28.6		29.4	29.4			29.4		29.4	29.4			29.6	
≥ 16000	23.5	2౭.1	29.6	29.4	29.4	29.4	29.4		29.4		29.4	29.4			29.6	29.9
≥ '4000	23.5	23.1	28.6	29.9	29.9	29.9			29.9		29.9	29.9			30.0	
≥ :2000	24.9	29.6		31.4	31.4	31.4			31.4		31.4	31.4			31.5	
≥ 10000	26.3	32.1	32.4	33.9	33.9	33.9			33.9	""	33.9	33.9			34.0	
≥ 9000	26.5	33.2	33.8	_35.Q	35.0	35.0			35.0	-		35.0		35.1	35.1	
≥ 8000	29.2	36.5	37.1	38.3	38.5	38.5	38.5	38.5	38.5		38.5	38.5		38.6	33.6	
≥ 7000	33.4	42.9	43.5	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.4
≥ 6000	36.3	46.8	47.4	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.3	49.0	49.0	49.3
≥ 5000	39.6	51.1	52.2	54 • Q	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.7
≥ 4500	44.2	57.8	59.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.
≥ 4000	47.1	62.6	64.0	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.8	66.8	66.8	61.1
≥ 3500	49.3	66.7	69.5	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.7	71.7	71.7	1.9
≥ 3000	53.6	72.8	74.9	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	79.3	78.3	78.3	78.6
≥ 2500	55.1	76.3	78.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.8	82.8	52.8	83.1
≥ 2000	56.9	79.9	83.6	87.5	87.8	87.8	87.9	87.9	87.9	87.9	88.1	88.1	88.3	98.3	38.3	88.6
≥ 1800	57.2	80.1	84.2	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.8	88.8	89.0	89.0	89.0	89.3
≥ 1500	57.4	80.8	85.1	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.9	89.9	90.1	90.1	93.1	93.4
≥ 1200	57.5	81.1	85.6	90.0	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8	91.1	91.1	91.1	91.4
≥ ,000	57.5	81.1	85.7	90.4	91.0	91.0	91.1	91.4	91.4	91.4	91.5	91.5	91.8	91.8	91.8	92.1
≥ 900	57.6	81.3	85.8	90.1	91.3	91.3	91.4	91.7	91.7	91.7	91.8	91.8	92.1	92.1	92.1	92.4
≥ 800	57.6	81.3	85.8	95.7	91.3	91.3	91.4	91.7	91.7	91.7	91.8	91.6	92.5	92.5	92.5	92.8
≥ 700	57.4	81.3	86.	91.1	91.7	91.7	92.1	92.4	92.4	92.4	92.5	92.5	93.2	93.2	93.2	53.5
≥ 600	57.6	81.5	86.3	91.7	92.2	92.2	92.6	93.3	93.3	93.6	93.8	93.8	94.4	94.4	94.4	94.7
≥ 500	57.6	81.	86.1	92.1	92.6	92.8	93.2	93.9	93.9	94.4	94.6	94.6	95.3	95.3	95.3	95.6
≥ 400	57.4	81.7	86.7	92.4	93.1	93.3	94.2	94.9	94.9	95.4	96.0	96.0	96.7	96.7	96.7	96.9
≥ 300	57.6	81.	86.7	92.4	93.2	93.5	94.3	95.3	95.3	96.0	96.5	96.5	97.4	97.4	97.4	97.6
≥ 200	57.6	81.7	86.1	92.4	93.2	93.5	94.3	95.4	95.4	96.5	97.1	97.1	97.9	97.9	98.1	98.3
> 100	57.6		86.	92.4	93.2	93.5	94.3	95.4	95.4	96.5	97.4	97.4	98.2	98.2	98.9	99.2
≥ 0	57.6		86.7	92.4	93.2			95.4	95.4	96.5	97.4	97.4	98.2	98.2	99.0	100.0

120 TOTAL NUMBER OF OBSERVATIONS __

SECRAL CLIMATOLOGY BRANCH

41 - LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 02

abreington intl vt

73-80

NOV

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

..600+0800

CEIL NO							viS	8 L TV ST	ATUTE MILI	E S						
(FEE')	≥ '0	≥6	≥ \$	≥ 4	≥ 3	≥2%	≥ 2	≥ +%	≥1%	≥'	≥ %	≥%	≥ ∨.	≥5/18	≥%	≥c
DOOCS ≥	21.9	23.5		23.9		24.0	24.0	24.2		24.2	24.2	24.2		24.3	24.3	24.9 26.5
≥ 18000 ≥ 18000	24.	26.8	27.2	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.8	27.8	27.9	27.9	27.9	28.6
≥ '400€	24.1	26.8 27.1	27.5		27.5	27.9	27.5		27.6 28.1	28.1	28.2	28.2	28.3	28.3	29.3	79.0
≥ ,3000 ≥ ,5000	25.4	28.6	29.0	29.3 31.8	29.4 32.1		29.4 32.2			29.6 32.4	29.7 32.5	29.7 32.5				
> 9000 > 8000	28.1	31.8		32.9	33.2	33.2	33.3	33.5	33.5	33.5		33.6	33.8	33.8	33.8	34.4
≥ 7000	34.2	40.3	41.0	41.7	41.9	41.9	42.1	42.2	42.2	42.2	42.4	42.4	42.5	42.5	42.5	43.2
≥ 6000 ≥ 5000	36.5 40.9	43.8	50 · 7	45.4 51.5		45.7 51.8	45.8 51.9		52.1	46.0 52.1	52.2	46.1 52.2			52.4	53.1
≥ 4500 ≥ 4000	47.2	53.9 59.3	54.9 59.7	55.8 60.7	56.1 61.0	56.1 61.0	56.3 61.1	56.4 61.3	56.4 61.3	56.4 61.3	56.5 61.4	56.5 61.4		56.7 61.5	56.7 61.5	57.4 62.2
≥ 3500 ≥ 3000	:3.1 58.2	65.3 72.2	66.7	67.6	67.9 75.1	67.9 75.1	68.1 75.3	68.2 75.4			68.3 75.6			68.5 75.7	68.5 75.7	69.2 76.4
≥ 2500 ≥ 2000	51.8 55.4		79.2	83.3	80.8	80.8 86.7	81.0	81.1	81.1	81.1	81.3	81.3	81.4	81.4	87.2	82.1
≥ 1800 ≥ 1500	66.0	83.1	85.1	86.7	87.4	87.4	87.5	87.6	87.6	87.6	87.8	87.8	87.9	87.9	37.9	88.6
≥ 1200	56 • 1	84.3	86.5	87.8	89.2		89.4	88.9	89.7	89.7	89.9	89.9	90.0	90.0		93.7
≥ 900	56.3	84.9	87.1	88.9		90.0	90.3	91.3	90.6		90.8	90.3		91.7	91.0	92.
≥ 800 ≥ 700	56.1	85.6		90.6		91.4	91.8	92.1	92.1	92.4		92.5		92.8		93.
≥ 600	6 6 • 1	85.8	88.2	90.6		92.2	92.6	93.1	93.1 93.5	93.5	93.9	93.9		94.2	94.2	94.9
≥ 400	66.7	85.8	88.3	90.8	92.5	92.6	93.6	94.3	94.3	94.9	96.0	96.0	96.8	96.8	96.8	97.5
≥ 300 ≥ 200	6 6 • 7	85.8 85.8	88.3	90.8 91.0	92.8		93.8	94.4	94.6	95.7	96.8		97.9	97.4	97.4 98.1	98.8
> ¹00 ≥ 0	6 6 . 7	85.8		91.0 91.0			93.9 93.9		94.7 94.7	95.8 95.8			98 • 2 98 • 2	98•2 98•2	98.3 98.5	99.2 100.5

TOTAL NUMBER OF OBSERVATIONS

720

SECHAL CLIMATOLOGY BRANCH COAFETAC AT- REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-42 BERLINGTON INTL VT

73-80

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0905-1100 HOURS (L.S.T.)

TELNS							٧١S	B.TV ST	ATUTE MIL	ES						
(*EE*)	≥ .0	≥6	≥ 5	≥4	≥3	≥2%	≥7	⋝ ∙ ¼	21%	≥1	≥ %	≥ %	≥ •	≥ 5/16	2.4	≱ წ
O CEIUNG	21.1	22.5	22.5		- 1				-			23.2		23.2	23.2	
≥ 20000	25.1	27.1	27.4					27.9			27.9				27.9	
≥ 18000	25 • 1	27.1	27.4				t 1				27.9					
≥ 6000	25.1	27.1	27.4								27.9					
≥ '4000	25.7	27.6	27.9													
≥ 12000	26.7	29.0	29.3	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.
2 '0000' ≤	30.0	32.4	32.6	33.2	33.5	33.5	33.8	33.8	33.8	33.8	33.8	33.9	33.8	33.8	33.8	3 3.
≥ 900C	31.3	34.0	34.3	35.0	35.3	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.5	35.
≥ 8000	34.9	37.9	38.2	38.9	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.
≥ 7000	36.5	39.9	40.1	40.8	41.3	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.
≥ 6000	33.1	41.7	41.9	42.6	43.1	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.
≥ 5000	41.4	46.3	46.5	47.2	47.8	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.
≥ 4500	46.1	51.1	51.4	52.1	52.6	52.9	53.2	53.2	53.2			53.2	53.2	53.2	53.2	53.
2 400C	50.4	57.2	57.9	58.5	59.0	59.1	59.6			i 1	59.6	59.6	59.6	57.6	59.6	59.
≥ 350C	57.1	64.3	64.9	66.5	66.9		67.5				67.5	67.5	67.5	67.5	67.5	67.
≥ 3000	63.9	72.2	72.9	74.0		75.6			76.0		L	76.3			76.7	76.
≥ 2500	67.4	76.5	77.2	-	79.6		80.6		8C.7		80.7	80.7	83.7	80.7	80.7	80.
2000	71.3	91.4	82.4	93.6					86.1	_ l	86.3	_			56.3	
> '800	71	81.9	82.9			85.7	86.4				87.1	87.1	87.1	87.1	ε7.1	87.
≥ 1500	72.1	82.9	83.9	85.3	86.5		1		88.1		88.3			88.3	88.3	98.
≥ 1200	72.1	83.8	84.	86.1	87.4	87.8		89.6			89.9	89.9				
≥ .000	72.1	84.2	85	86.7	89.1	88.5	89.3	90.4	90.4	96.7	90.8		_		90.8	91.
	72.2	84.4	85.6			88.9	89.7	91.0	91.0	91.3		91.4			91.4	91
≥ 900 ≥ 800	72.2	84.4	85.6			89.3	90.3	91.7	91.7	92.1	92.2	1	92.4		92.4	
	72.4	84.7	85.8	87.2		89.7	91.0	92.4	92.4	92.8	93.1	93.1	93.2		93.2	93.
≥ 700 ≥ 600				87.6	90.0		91.7	93.1	93.1	93.6	93.9		94.0	94.3	94.0	94.
	72.4	85.1	86.1			90.4		-								
≥ 500 ≥ 400	72.4	85.0	86.1	87.6	90.6		92.6	94.0	94.0	94.7	95.3	95.3	95.6		_	
	72.4	1	86.1	88.1	90.8	91.5	93.1	94.4	94.4	95.1		96.1	96.8		96.9	
≥ 300	72.4	1	- 1	88.1	91.1	91.6	93.5	95.0	95.1	95.7	96.7	96.7	97.6		97.6	
≥ 200	72.4			88.1	91.1	92.1	93.8	95.6	95.6	96.4						
> '00	72.4	7		58.1	91.1	92.1	93.6	95.4			- 1		99.2			
≥ 0	72.4	85.4	86.1	88.1	91.1	92.1	93.6	95.6	95.6	96.4	97.5	97.5	99.2	99.3	99.3	ina.

721 TOTAL NUMBER OF OBSERVATIONS

SECEAL CLIMATOLOGY SRANCH STAPETAC AT REATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

19742 BURLINGTON INTL VT

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L.S.T.)

CELLNG							VIS	B L TY 5T	ATUTE MILI	ES						
(*66*)	₹.c	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ . %	≥1%	≥1	≥ 4	≥%	≥ %	≥5/16	≥%	≥ે
NO CEILING	22.9	24.7	24.7	24.7	_	1	24.7	24.7	• 1	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 20000	29.9			31.9	31.9		31.9	31.9		31.9				31.9	31.9	
≥ 18000	30.0	32.1	,	32 • 1		,	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ .9000	30.3	32.4		32.4	32.4		32.4	32.4		32.4	32.4	32.4		32.4		32.4
≥ 14000	31.	33.1	33.1	33.1	33.1	1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ :2006	34.0		36.4	36.4	36.4		36.4			36.4		36.4		36.4	36.4	76.4
≥ 10000	36.9	39.3	39.3	39.3	39.3	39.3	39.3						39.3	39.3	39.3	39.3
≥ 800C	37.4			40.6								40.6				40.6
≥ 8000	40.6		1	44.0	44.2	, , , , ,	44.2	44.2		44.2	44.2		44.2	44.2	44.2	44.2
≥ 7000	43.3	47.2	47.2	47.2						47.5						
≥ 6000	44.7	43.8	1	48.8	49.3	49.3	49.3	49.3	49.3	49.4	49.4		49.4	49.4	49.4	49.4
≥ 5000	42.3	52.4	52.4	52.4	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 4500	31.5	55.8	55.8	56.0	56.7		56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	56.7	61.3	61.3	51.4	62,2	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 3500	64.4	69.7	69.7	70 • Q	71.0	(,71 . 3	71.3	71.3	71.3	71.4	71.4	71.4		71.4	71.4	71.4
≥ 3000	71.7	78.1	78.1	78.1	79.3	79.6		79.7		79.9	79.9			79.9		79.9
≥ 2500	73.6	82.4	82.4	82.6	83.8	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.5	84.6	84.6	64.5
≥ 2000	76.5	86.3	86.3	86.5	87.6	88.3	88.6	88.6	88.6	88.9	89.0	89.J	89.J	89.3	39.J	89.0
≥ '8000	76.8	86.5	86.5	8.63	87.9	88.5	88.9	98.9	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	77.2		87.6	88.2	89.3	90.1	90.6	90.6	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	77.6	88.6	88.8	89.3	90.4	91.3	91.7	91.7	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4
≥ .000	77.9	89.7	89.9	90.4	91.5	92.4	92.9	93.1	93.1	93.9	94.0	94.3	94.0	94.0	94.0	94.0
≥ 900	73.1	89.9	90.0	90.7	91.9	92.8	93.3	93.8	93.8	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	78.1	93.0	90.4	91.3	92.6	93.5	94.2	94.6	94.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	78.1	90.0	90.6	91.5	93.1	93.9	94.6	95.1	95.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	78.1	90.0	90.6	91.5	93.3	94.4	95.1	95.7	95.7	96.9	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	79.1	90.0	90.7	91.7	93.6	94.9	95.6	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	78.1	90.0	97.8	91.9	93.9	95.3	96.3	96.8	96.8	98.1	98.8	98.8	99.0	99.2	99.2	99.2
≥ 300	78.1	90.0	90.8	91.9	93.9	95.3	96.3	96.8	96.8	98.2	98.9	98.9	99.2	99.3	99.3	99.3
≥ 200	78.1	90.0	90.8	91.9	93.9	95.3	96.3	96.9	96.9	98.3	99.3	99.3	99.6	99.7	99.7	99.7
≥ 100	78.1	90.0	90.9	91.9	93.9	95.3	96.3	96.9	96.9	98.3	99.6	99.6	99.9	100.0	100.0	130.0
≥ 0	78.1	90.0	90.7	91.9	93.9	95.3	96.3	96.9	96.9	98.3	99.6	99.6	99.9	100.0	פ.סטנ	100.0

720 TOTAL NUMBER OF OBSERVATIONS ___

LI TAL CLIMATOLOGY BRANCH CLETAC AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14.42 CURLINGTON INTL VT

73-80

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 1500-1700 HOURS (L.S.T.)

NO CERING ≥ 20000 ≥ 18000 ≥ 18000 ≥ 14000	24.9 32.5 32.1 33.2	≥6 25.0 32.9 33.3 33.6	≥5 25.0 32.9 33.3	32.9		≥2% 25•0	≥ ;	≥ . ⊁	≥1%	≥١	≥ 4	≥ %	≥ ∨	≥ 5/16	≥ ¼	≥ડ
≥ 18000 ≥ 18000 ≥ 16100 ≥ 14000	32.5 32.7 33.2 34.7	32.9 33.3	32.9	32.9		25.0	35 0				l			_		_
≥ 18000 ≥ 6100 ≥ 14000	32.1 33.2 34.1	33.3			72 4		25.0	25.0	25.0	25.0	25.0	25.3	25.0	25.0	25.0	25
≥ '6000 ≥ '4000	33.2 34.1		33.3		32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ '4000	34.	33.6		33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
			33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
	d	34.4	34.4	34 - 4	34.4	34.4	34.4	34 . 4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 2000	37 .5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38 • 1	38.1
	40.3	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.C	41.0	41.0	41.0	41.0	41.0
	40.7	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
	43.5	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
	46.4	47.5	47.5	47.5	47.5	47.5	47.5				47.5	47.5	47.5	47.5	47.5	47.5
	48.2	49.4	40.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 5000	<u>53.5</u>	55.6	55.7	55 • 8	56.0	56.0	56.0	56.0	56.0	56.0	56.D	56.0	56.0	56.0	56 • ວິ	56.0
	57.5	59.9	63.4	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	01.1	61.1
	63.4	67.4	67.9	68.3	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	65.9	68.9
	70.4	75.4	76.1	76.5	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
L	73.2	<u> 90.3</u>	81.0	81.7	82.2	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
	76.5	84.6	85.7	86.5	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	57.8
2000	79.5	87.8	89.3	90.1	90.8	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	79.5	87.9	89.6	90.4	91.1	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	01.0
≥ 1500	<u>7</u> 8.5	88.3	90.1	91.1	92.1	92.4	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2	73.2	93.2
	78.6	89.0	91.1	92.1	93.3	93.6	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6
≥ .000	78.9	89.3	91.7	92.6	93.9	94.2	95.1	95.1	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6
	78.9	89.3	91.7	92.8	94.0	94.3	95.3	95.4	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.4
L	73.9	89.3	91.7	92.9	94.2	94.4	95.4	95.6	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1
. 700	7P.9	89.3	91.7	92.9	94.3	94.6	95.6	95.8	95.8	96.0	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	78.9	89.3	91.7	92.9	94.3	94.6	95.8	96.1	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	79.1	89.4	91.8	93.1	94.7	95.0	96.7	96.9	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	79.4	89.4	91.8	93.1	94.9	95.1	96.8	97.1	97.1	97.5	98.5	98.5	98.6	98.6	98.6	98.6
2 300	79.4	89.4	91.8	93.1	94.9	95.1	96.8	97.1	97.1	97.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 200	79.0	89.4	91.8	93.1	94.9	95.1	96.8	97.1	97.1	97.8	99.2	99.2	99.3	99.3	99.4	99.4
> 100	79.0	89.4	91.5	93.1	94.9	95.1	96.8	97.1	97.1	97.9	99.4	99.4	99.6	99.6	99.9	99.9
, ,	79.1	89.4	91.8	93.1	94.9	95.1	95.8	97.1	97.1	97.9	99.4	99.4	99.6	99.6	ומ•בנו	100.7

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DECIAL CLIMATOLOGY BRANCH ICASETAC AL VEATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

14/42

30RLINGTON INTL VT

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000 HOURS (L.S.T.)

CELNO							viS	B . * Y ST	ATUTE MIL	ES						
(FEE")	≥ :0	≥6	≥ 5	≥ 4	≥3	≥2%	≥2	≥ , %	≥1%	≥'	≥ ¾	≥ %	≥ ∨:	≥ 5/16	≥ 4	≥ડ
NO CEIUNG	24.	25.7	25.8	25.8	25.8	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.7	26.0	26.0	26.0
≥ 20000	29.3	31.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8	31.8
≥ 18000	29.4	31.5	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.1	32.1
≥ .9000	29.4	31.7	32.1	32.1			32.1		32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2
≥ '4000	31•□	33.2	33.5	33.6	33.6	33.6	33.6	33.6		33.6	33.6	33.6	33.9	33.8	33.8	33.8
≥ :2006	33.3	35.7	36.1	36.1	36.1		36.1	36.1		36.1	36.1	36.1	36.3	36.3	36.3	36.3
≥ '0000	35.3	38.2			38.6			38 • 6			38.6	38.6		38.8	38 • 8	38.8
≥ 9000	37.1	40.0											40.6	43.6	43.6	40.6
≥ 8000	39.7	43.5		43.9	43.9			43.9			43.9		44.0	44.0	44.0	44.0
≥ 7000	42.9	46.9										47.4	47.5	47.5	47.5	47.5
≥ 6000 ≥ 5000	45.5	51.3	51.8		51.9	-		51.9			51.9	51.9	52.1	52.1	52.1	52.1
	51.7	58.2		59.2	59.	59.2	59.2							59.3	59.3	59.3
≥ 4500 ≤ 4000	55.3	62.1	63.2		63.5				63.5				63.6	63.6	63.6	63.6
2 4000	58.9	68.2		69.6							69.6			69.7	69.7	69.7
≥ 3500	62.9	74.6		76.8	76.8	-				- 1	76.8	76.8	76.9	76.9	76.9	76.9
≥ 3000	66.3	80.6		83.5							84.2			84.3	14.3	84.3
≥ 2500	67.5	82.5								86.4	86.4	86.4	86.5	86.5	66.5	86.5
≥ 2000	69.2	84.4								90.0	90.0		90.1	90.1	90.1	93.1
≥ 1800	69.2	85.1	87.6				91.0		91.1	91.1	91.1			91.3	91.3	91.3
≥ 1500	69.4	85.4		90.1							92.5			92.6	92.6	92.€
≥ 1200	69.2	85.7	88.8	1	92.4						93.3	93.3	93.5	93.5	93.5	73.5
≥ .000	69.4	85.8			92.9						94.6			94.7	94.7	94.7
≥ 900	69.2	86.1	89.2		93.3	93.9		95.3			95.3	- 1	95.4	95.4	95.4	95.4
≥ 800	69.2	86.1	89.3	91.5	93.6	94.2	94.9	95.6	95.6		95.7	95.7	95.8	95.8	95.8	95.6
≥ 700	69.4	86.1	89.3	91.7	93.9		95.1	96.0		96.1	96.1	96.1	96.3	96.3	96.3	06. 3
≥ 600	69.2	86.1	89.3	91.8	94.0			96.3						96.5		96.5
≥ 500	69.4	86.1	89.3	91.8	94.2		95.7	96.5		96.7	96.9			97.1	97.1	97.1
≥ 40C	69.4	86.1	89.3	92.1	94.7		96.7	97.6			98.1			98.2		98.2
≥ 300	69.2	86.1	89.4	92.2	94.9	• 1	96.9	98.1	98 - 1	98.2	98.8		98.9	98.9	98.9	98.9
≥ 200	69.2	86.1	89.4	92.2	94.9		96.9	98.1			99.2			99.4	99.4	
> 100	69.2	86.1	89.4	92.2	94.9	1		98.1	98.1	98.5	99.2	99.2	99.4	99.4	99.4	99.4
. 0	69.2	86.3	89.6	92.4	95.0	95.6	97.1	98.2	98.2	98.6	99.3	99.3	99.9	99.9	100.0	100.C

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OL PAL CLIMATOLOGY BRANCH USASITAC A ... EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-742 BURLINGTON INTL VT

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LIST)

CEIL NG						<u></u>	vis	BLTY ST	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	≥ . %	21%	21	≥ ¼	≥ %	≥ v.	≥ 5/16	2 %	≥0
NO CERUNG ≥ 20000	23.5 26.5	26.9 30.7		26.9 30.7	27.1	27.1 30.8			27.1 30.8				27.2 31.0		27.2 31.0	
≥ 18000 ≥ 18000	26.5 26.5	30.7	30.7	30.7	30.8 30.8	30.8	30.8	30.8		30.8	30.8	30.3	31.0	31.0	31.0	31.1
≥ 14000 ≥ 12000	26.7	31.3	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.7
2 '200C' s	28.6 30.5	32.9	35.1		35.3	35.3	35.3	35.3	35.3			35.3		35.4	35.4	35 ⋅ 6
≥ 900C ≥ 800C	31.9 34.3	36.5 39.4					36.7 39.6							36.8 39.7	36.A	
≥ 7900	37.9	46.8	44.4			44.7	44.7	44.7	44.7		44.7					45.6
≥ 5000 ≥ 4500	47.5 50.1		56.4	56.9	_		57.1 61.3		57.1 61.3	57.1 61.3	57.1	57.1		57.2	57.2	
≥ 400C	53.1	65.1	66.0	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.4
≥ 3500 ≥ 3000	60.4	75.7	77.5	79.2	73.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.1
≥ 2500 ≥ 2000	6 3. 9	80.6	87.2		85.1 89.9	89.9		89.9	89.9		89.9			90.0	90.0	90.1
≥ 1800 ≥ 1500	53.6 63.6	_	87.9 89.0			90.7 92.4	90 .7 92 .8	90.7 92.8	90.7 92.8	90.7 92.8	90.7 92.8	90.7 92.8	90.8 92.9		90.8 92.9	-
≥ 1200 ≥ 1000	63.6		89.4		92.9	92.9	93.6	93.8	93.8	93.8					93.9	
≥ 900 ≥ 800	63.6	86.1	89.1	92.5	93.5	93.6	94.5	94.6		94.7		94.7	94.9	94.9	94.9	95.
≥ 700 ≥ 600	63.6	86.3	89.9	92.6	93.8	93.9	94.6	95.1 95.1		95.3	95.4	95.3	95.4		75.4	95.0
≥ 500 ≥ 400	63.6	86.3	90.0	93.5	94.6	94.7	95.4 96.0	96.0	96.0	96.1	96.5	96.5	96.7	96.7	96.7	96.1
≥ 300	63.5	86.	90.0	93.9	95.1	95.4	96.4	96.9	96.9	97.2	97.8	97.8	97.9	97.9	97.9	98.
≥ 200	63.6	86.3	90.0	93.9	95.1	95.4	96.7	97.2	97.2	96.1	99.0	99.0	99.3	99.3	99.3	99.
≥ 0	63.6	86.3	90.0	93.9	95.1	95.4	96.7	97.2	97.2	98.1	99.0	99.2	99.6	99.6	49.9	100.

TOTAL NUMBER OF OBSERVATIONS _____

72

USAF ETAC JUL 44 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRAL CLIMATOLOGY BRANCH LAFITAC AT HEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 - 42 8 RLINGTON INTL VT

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS [L.S.T.]

1E . NO							v/S	B (TY 5T	ATUTE MIL	E5						
(FEE')	≥ '0	≥6	≥5	≥ 4	≥ 3	≥2%	≥ ;	≥ - ½	≥1%	۰ خ	≥ %	≥ %	≥ 4.	≥ 5/16	≥ ¼	≥c
NO CETING	22.5	24.9	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.5	25.5	25.6
≥ 20000	26.	29.6	29.9	30.2	30.2	30.2	30.2	30.2	30.2	36.2	30.3	30.3	30.3	30.3	30.4	3C • 5
≥ 18000	27.1	29.7	30.d	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.5	30.5	30.5	30.6
\$ 510%	27.7	29.8	30.1	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.6	30.7
≥ '4000	27.5	30.4	30.7	31.0	31 - 1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.4
≥ 500C	29.7	32.8	33.1	33.4	33.4	33.4	33.4	33.5	33,5	33.5	33.5	33.5	33.6	33.6	33.6	33.7
≥ 1000C	31.9	35.4	35.7	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.5
≥ 9000	32.7	36.6	36.9	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.6	37.7
≥ 800C	35.4	39.8	40.1	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.9	40.9	40.9	41.3
≥ 700C	_3 ₫ • 7	43.7	44.3	44.7	44.9	44.9	44.9	45.0	45.D	45.0	<u>45.0</u>	45.0	45.1	45.1	45.1	45.3
≥ 6000	41.3	4/.2	47.6	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.6	48.6	48.6	48.7
≥ 5000	45.7	53.0	53.5	54.1	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.7	54.8
≥ 4500	49.5	57.6	58.3	59.1	59.4	59.4	59.5	59.5	52.5	59.5	59.5	59.5	59.7	59.7	59.7	59.9
≥ 400C	53.6	63.1	64.1	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.7
≥ 3500	58.5	69.7	70.9	72.0	72.4	72.5	72.5	72.5			72.6	72.6	72.7	72.7	72.7	72.9
≥ 3000	62.9	75.9	77.4	78.7	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.9
≥ 2500	€5.2	79.8	81.7	83.2	83.8	83.9	84.1	84.1	84 - 1	84.2	84.2	84.2	84.3	84.3	94.3	84.5
≥ 2000	67.5	83.5	85.9	87.6	88.4	88.5	98.8	88.9	88.9	89.0	89.0	89.3	89.1	89.1	89.1	89.3
≥ 800	67.7	83.9	86.4	88.2	88.9	89.1	89.4	89.5	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.9
≥ +500	67.8	84.6	87.2	89.2	99.1	90.3	90.7			90.9	91.0	91.0	91.2	91.2	91.2	91.3
≥ 1200	67.9	85.1	87.9	89.9	91.0	91.2	91.7	92.0	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.5
≥ .000	68.3	85.5	88.4	90.6	91.7	92.0	92.6	92.9	92.9		93.2	93.2			93.4	93.6
≥ 90 0	68.1	85.7	88.6	90.9	92.1	92.4	93.0	93.4	93.4	93.6	93.8	93.8	93.9	93.9	93.9	94.1
≥ 800	68.1	85.7	88.8	91.1	92.4	92.7	93.4	93.8	93.8	94.1	94.3	94.3	94.5	94.5	94.5	94.7
≥ 700	69.1	85.8	88.9	91.3	92.7	93.0	93.8	94.3	94.3	94.6	94.8	94.8	95.1	95.1	95.1	95.2
≥ 600	68.1	85.9	89.0	91.5	93.0	93.4	94.2	94.8	94.8	95.2	95.4	95.4	95.7	95.7	95.7	95.9
≥ 500	68.1	85.9	89.1	91.8	93.4	93.8	94.8	95.4	95.4	95.9	96.3	96.3	96.6	96.6	96.6	96.8
≥ 400	69.1	85.9	89.1	92.0	93.8	94.2	95.4	96.1	96.1	96.6	97.3	97.3	97.7	97.7	97.8	97.9
2 300	68.1	85.9	89.1	92.0	93.8	94.3	95.6	96.3	96.3	97.0	97.7	97.7	98.2	98.2	98.3	98.4
≥ 200	68.1	85.9	89.1	92.1	93.9	94.4	95.6	96.5	96.5	97.4	98.3	98.3	98.9	98.9	99.0	99.1
> 100	68.	85.9	89.1	92.1	93.9	94.4	95.7	96.5	96.5	97.4	98.5	98.5	99.1	99.1	99.3	99.6
≥ 0	68.1	86.0		92.1	93.9	94.4	95.7	96.5	96.5	97.4	98.5	98.5	99.2	99.2	99.5	100.0

* 76 L TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

TE PAL CLIMATOLOGY BRANCH SCAFETAC ATT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TATION

B-19LINGTON INTL VT

73-80

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-0200 HOURE (LIST.)

TE 1. N/2							v:S	B LITY ST	LIM PTUTA	ES						
(FEE's	5 .0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ %	21%	ا≤	≥ %	≥ %	≥ 4:	≥ 5/16	24	≥c
NO CELUNCE	21.5	24.9	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.C	25.0	25 · J	25.3	25.0	25.0	25.0
≥ 20000	24.1	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 1800C	24.1	28.9	29.9	28.9	28.9		29.0	29.0	29.0	29.0			29.0	29.0	29.0	29.0
≥ 6700	24.7	28.9	28.9	28.9	28.9		29.5	29.0	29.0		29.0					29.0
≥ '4000	25.1	29.4	29.4	29.4	29.4	29.6		29.6			29.6			29.6		29.6
≥ .5000	25.5	30.1	37.1	30.1	30.1			30.2			3C.2	30.2				30.2
≥ .0000	23.1	32.7	32.7	32.7	32.7	32.8		32.8			32.8		32.8	32.8	32.8	32.8
≥ 9000	23.5	33.2	33.2	33.2	33.2		33.3	33.3		$\overline{}$					33.3	
≥ 9000	30.9	35.9	35.9	35.9	35.9		36 • C	36.0		36.0	36.0		36.0		-	
≥ 7000	33.4	39.1	39.4	39.4	39.4											
≥ 6000	36.4	42.1	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 5000	40.5	48.7	49.3	49.5	49.5	49.6					49.6			49.6	49.6	49.6
≥ 4500	42.1	51.7	53.7	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4		53.4	53.4	53.4
± 4000	43.4	53.9	55.4	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 3500	47.2	59.1	61.4	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 3000	_≘0•0	54.5	67.5	68.7	68.7	68.8	69.0	69.0	69 • C	69.0	69.0	69.0	69.0	59.0	69.0	69.0
2 2500	52.7	70.4	73.5	75.1	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1
2 2000	54.4	73.1	77.7	80.8	81.6	82.0	82.1	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.7	82.7
≥ 800	54.4	73.8	77.8	80.9	81.9	82.4	82.5	82.5	82.7	82.9	82.9	82.9	82.9	82.9	83.1	83.1
≥ +500	55.1	75.5	80.1	83.9	85.3	85.9	86.2	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 1200	55.1	76.1	90.9	85.1	86.8	87.4	87.6	87.6	87.8	88.3	88.3	88.3	88.3	88.3	88.4	98.4
≥ .000	55.₫	76.2	81.4	85.8	87.8	88.4	89.Q	89.2	89.4	90.2	90.3	90.3	90.3	90.3	90.5	90.5
≥ 900	55.3	76.2	81.2	85.8	87.8	88.4	89.0	89.2	89.4	90.2	90.3	90.3	90.3	90.3	90.5	90.5
≥ 800	55.3	76.2	81.2	86.0	88.0	88.7	89.5	89.8	89.9		91.1	91.1	91.1	91.1	91.3	91.3
≥ 700	55.	76.5	81.5	36.3	88.1	89.1	90.1		90.5	91.8	92.1		92.1	92.1	92.2	
≥ 600	55.2	77.0	82.1	87.0	89.0	89.8	91.3	91.5	91.7	93.0	93.3	,	93.3	93.3	93.4	93.4
≥ 500	55.2	77.2	82.	87.4	89.4	90.6	92.7	93.1	93.3	94.8	95.0	95.0	95.3	95.3	95.4	95.4
≥ 400	55.4	77.3	82.4	87.6	89.7	90.9	93.0	93.4	93.5	95.0	95.6	95.6	95.8	95.8	96.2	96.2
≥ 300	55.2	77.4	82.5	87.4	89.8	91.0	93.1	94.1	94.2	96.2	97.2	97.2	97.4	97.4	97.8	97.3
≥ 200	55.7	77.4	82.5	87.9	89.9	91.1	93.3	94.6	94.8	96.9	97.8	97.8	98.3	98.3	98.9	98.9
2 100	55.2	77.4	82.5	87.9	89.9	91.1	93.3	94.6	94.8	97.0	98.1	98.1	98.5	98.5	99.3	99.6
2 0	55.2	77.4	82.5	87.9	89.9	91.1	93.3	94.6	94.8	97.0	98.1	98.1	98.5	98.5	99.3	tro.s

TOTAL NUMBER OF OBSERVATIONS __

744

USAF ETAC JUL M 0-14-5 (OL A) PREVIOUS ESITIONS OF THIS FORM ARE OBSOLETE

SECUAL CLIMATOLOGY BRANCH ATT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742

BUPLINGTON INTL VT

73-80

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 330**-**050J HOURS (L.S.T.)

reiling							vi\$	e. · sr	ATUTE MIL	£ 5						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥⊹%	≥1%	≥1	≥ %	≥ %	≥ v :	≥ 5/1^	≥ '4	≱c
NO CEILING	21.3	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 20000	24.2	28.6	28.8	28.8	29.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	23.8	28.8
≥ 18000	24.2	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.9	28.8	28.8
≥ .9000	24.2	28.6	28.8	28.8	28.8	28.8	28.8	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.9
≥ 14000	24.7	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	21.6	29.6	29.6	29.6		29.6	29.6
≥ :2000	25.5	30.2	30.4	30.S	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30 • 5	30.5	30.5	30.5
≥ 10000	27.7	32.7	32.8	32.9	32.9	32.9		32.9	32.9		32.9	32.9	32.9	32.9	32.9	32.9
≥ 9000	27.9	33.1	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 8000	28.6	34.4	34.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 7000	1.00	36.7	37.d	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.5
≥ 6000	31.3	36.6	38.8	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9
≥ 5000	35.6	46.2	46.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 4500	39.7	51.7	52.2	53.6	54.0	54.	54.0	54.0	54.0	54.0	54 . D	54.0	54.0	54.0	54 . D	54.0
≥ 4000	40.6	54.2	54.8	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3500	42.6	58.9	60.1	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3000	46.0	65.9	67.3	70.2	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	48.4	70.2	72.4	75.7	76.6	76.9	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 200 0	49.6	73.4	76.5	80.8	81.9	82.1	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	49.6	73.7	77.d	81.3	82.5	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	50.4	75.9	79.4	84.3	85.8	96.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	50.4	76.3	80.0	85.3	86.8	87.2	87.8		88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ .000	50.4	77.0			88.2	88.6	89.4	90.3	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	50 .5	77.7	81.3	87.2	89.2	89.7	90.7	91.7	91.7	92.5	92.5			92.5	92.5	92.5
≥ 800	50.5	77.7	81.3	87.2	89.2	89.7	90.7	91.7	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	£0.5	77.7	81.3	87.4	89.4	89.8	90.9	92.1	92.1	93.0	93.D	93.0	93.0	93.0	93.0	93.0
≥ 600	50.9	78.8	82.4	88.4	90.5	90.9	92.1	93.3	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	50.4	78.8	82.4	88.4	90.9	91.4	92.7	94.1	94.1	95.0	95.D	95.0	95.0	95.G	95.0	95.0
≥ 400	50.4	78.8				91.8		94.9	94.9	96.2	96.2	96.2	96.5	96.6	96.6	96.6
≥ 300	50.9	78.8	82.9	89.1	91.7	92.2	94.2	96.0	96.0	97.7	98.0	98.0	98.4	98.5	98.5	98.5
≥ 200	50.4	78.8	82.5	89.1	91.7	92.2	94.4	96.2	96.2	98.3	98.5	98.5	99.2	99.3	99.6	99.6
> 100	50.9	78.8	82.5	89.1	91.7	92.2	94.4	96.2	96.2	98.3	98.5	98.5	99.3	99.5	99.7	99.9
≥ 0	50.9	78.8	82.5	89.1	91.7					98.3	98.5	98.5	99.5	99.6	99.9	100.0

744 TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ODSOLETE

Stokal Climatology Branch Crafetac Att Weather Service/Mac

CEILING VERSUS VISIBILITY

14742

BURLINGTON INTL VI

STATION NAME

73-80

DEC

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 3600-3600 HOURS (L.S.T.)

CELNG							vi\$	iBiLity STA	NTUTE MIL	E S						
(FEET)	≥.0	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥≀⊁	≥1%	≥1	≥ ¼	≥ %	≥ ∀;	≥5/16	≥ ¼	ک
ONULE CH	18.8	21.4	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 20000	23.4	26.2	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 18000	23.4	26.2	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ .9000	23.3	26.5	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8		26.8	26. 3
≥ '4000	24.2	27.1	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 12000	25.6	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ ''0000'	23.4	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.9			32 · L
≥ 9000	29.1	32.2	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4		32.4	32.4		32.4	
≥ 8000	30.4	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	
≥ 2000	33.4	36.5	38.4	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 6000	36.2	41.9	42.0	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 5000	40.4	47.6	47.8	48.5	48.2	48.2	49.2	48.2	49.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 4500	42.1	51.8	52.2	52.5	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.≎	53.0	53.0
≥ 4000	45.5	55.5	56.1	56.3	56.7	56.7	56.8	56.8	56.8			56.8	56.8		56.8	56 ⋅ ∂
≥ 3500	40.7	61.8	62.1	62.6	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3000	54.1	69.9	72.5	70.8	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7			
`≥ 2500	55.7	73.4	74.4	74.8	75.8	76.1	76.2	76.2	76.2		1	76.3	76.3			
≥ 2000	58.1	77.1	79.1	80.2	81.3	81.6		82.6	82.6							82.9
≥ 1600	58.4	78.3	80.1	81.4	82.6	83.2		84.0	84.0		84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	59.0	80.3	82.1	83.6	84.9	85.6		86.5	86.5							
≥ 1200	59.2	91.2	83.0	84.7	86.1	86.8		87.9	87.9		88.3	88.3	88.6			88.6
≥ ,000	59.4	81.8	84.0		87.3	88.0		69.5	89.5							90.5
≥ 900	59.5	82.8	84.9	86.8	88.4	89.2		1	90.7	91.7	91.8	91.8				92.2
≥ 800	59.5	83.2	85.3	87.2	89.0			91.1	91.1	92.3	92.5			92.9		
≥ 700	59.5	83.6	86.3	87.9	89.6	90.4		92.3	92.3	93.7	93.8	93.8	94.2			94.2
≥ 600	59.5	83.7	86.3	88.4	93.2	91.0			93.1	94.6		94.8				
≥ 500	59.6	84.0	86.7	89.0	91.3	92.2		94.3	94.3	96.1	96.2	96.2	96.8	-		
≥ 400	59.6	84.0		89.1	91.4	92.1	93.7	94.9	94.9	96.9		97.0	98.0			
≥ 300	59.6	84.0	86.7	89.1	91.4	92.3	93.7	94.9	94.9			97.0	98.1			
≥ 200	60.0	84.4	87.1	89.5	91.8	92.7	94.1		95.4			97.8				
> 100	60.0	84.4	87.1	89.5	7	92.7	94.1		95.6	-					100.0	
≥ 0	60.0	84.4	87.1	89.5	91.8	92.7	94.1	95.6	95.6	98.3	98.5	98.5	99.7	99.7	100.0	100.

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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BLUBAL CLIMATOLOGY BRANCH TARETAC AI CEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 BURLINGTON INTL VT

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-110"

CEILNO							. (\$	6. ** 5*	ATUTE MIL	ES.						
(FEET)	3 .℃	≥6	≥ 5	≥4	≥ }	22/	≥.	≥ 4	≥1%	≥ '	≥ 4	≥%	≥ ٧	≥5/16	2 4	≱ċ
NO CEIUNG	23.	24.3	24.5	24.9	25.4	25.5	25.8	25.3	25.A	25.8	25.6	25.8	25.8	25.3	25.8	25.5
≥ 20000	29.1	30.1	33.2	30.6	31.2	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 18000	29.	30.1	30.2	30.6	31.2	31.5	31.6	31.6	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ .9000	29.4	30.5	30.6	31.0	31.6	31.7	32.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.3
≥ 1400C	31.2	32.3	32.4	32.8	33.3	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ .5000	3 3. 5	34.8	34.9	35.3	35.9	36.J	36.3	36.3	36.3	36.3	36.3	36.3	36 • 3	36.3	36.3	36.3
≥ '9000'	36.3	38.0	38.2	38.6	39.1	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 9000	36.6	38.3	38.4	38.8	39.4	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.3
≥ 800C	37.9	39.8	39.9	40.3	40.9	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 7000	41.3	43.1	43.3	43.7	44.2	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.0
≥ 6000	43.7	45.7	45.8	46.2	46.8	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 5000	46.5	49.5	49.6	50.1	50.8	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 4500	40.2	53.0	53.2	53.9	54.6	54.7	55.1	55.1	55.1	55.1	55 • 1	55.1	55.1	55.1	55.1	55.1
≥ 400C	1.1	55.5	55.8	56.5	57.1	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 3500	56.7	62.8	63.0	63.7	64.5	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000	60.8	69.4	70.2	71.0	71.9	72.3	73.3	73.3			73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	64 • S	73.1	74.1	75.4	76.5	77.2	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
200 0	04.7	74.7	75.9	77.4	78.6	80.1	81.6		81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ '800	64.9	75.5	76.9	78.4	79.6	81.2	82.9	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 1500	55 • 5	77.4	78.8	80.2	81.6	83.3	85.2	85.9	85.9	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 1200	ხ 6 • ∄	78.6	80.0	81.6	82.9	84.7	86.7	87.4	87.4	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ ,000	56.3	79.2	87.6	82.7	84.0	86.Q	88.2	89.0	89.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 900	66.7	80.1	81.6	83.6	84.9	87.0	89.4	90.2	90.2	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 800	66.7	80.4	81.9	84.0	85.3	87.4	89.9	90.7	90.7	92.5	92.5	92.5	92.6	92.5	92.6	92.6
≥ 700	26.7	80.8	82.3	84.5	86.0	88.0	90.7	91.8	91.8	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 600	5 6.7	50.8	82.5	85.1	86.6	88.7	91.4	92.5	92.5	94.5	94.6	94.6	94.8	94.8	94.8	94.8
≥ 500	56.7	80.8	82.5	85.1	86.7	89.2	92.1	93.3	93.3	95.7	96.0	96.0	96.1	96.1	96.1	96.1
≥ 400	66 . 5	80.9	82.7	85.2	86.8	89.4	92.2	93.4	93.4	96.2	97.0	97.0	97.4	97.4	97.4	97.4
≥ 300	66.8	80.9	82.7	85.2	86.8	89.5	92.6	93.8	93.8	96.9	97.7	97.7	98.3	98.3	78.3	98.3
≥ 200	€6.8	81.2	82.9	85.5	87.1	89.8	93.0			97.4	98.3	98.3	98.9	99.3	99.3	99.3
> 100	56.4	81.2	82.9	85.5	87.1	89.8	93.1	94.4	94.4	97.6	98.7	98.7	99.3	99.7	100.0	100.0
2 0	66.9	81.2	82.9	85.5	87.1	89.8	93.1		94.4			98.7	99.3	99.7	և թո. օ	100.0

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SUCPAL CLIMATOLOGY BRANCH SCAFETAC AL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19742 SURLINGTON INTL VT

STATION NAME

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 Hours (LE.Y.)

CEILNO							vis	BILITY ST	ATUTE MILI	E5						
1666.3	≥ :0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ / ⅓	≥1%	≥1	≥ ¾	≥ %	≥ 4:	≥ 5/16	2 4	≥c
NO FILING	23.1	25.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 2,0000	30.0	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 18000	30.2	31.7	32.	32.0	32.d	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 6000	30.0	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ '4600	31.1	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 2000	35.6	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 10000	38.7	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 9000	39.5	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 8000	41.4	44.0	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 7906	45.2	47.7	48.1	48.1	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 6000	46.1	48.7	49.1	49.1	49.3	49.3	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 5000	49.1	53.2	54.1	54.3	54.7	54.7	55.Q	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4500	51.7	56.3	57.1	57.4	57.9	57.9	58.2	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4000	55.4	60.1	61.3	61.6	62.1	62.2	62.5	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 3500	51.7	67.7	69.1	69.4	70.2	70.3	70.6	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.9	71.3
≥ 3000	56.5	74.6	76.1	76.6	77.7	77.8	78.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2500	68.1	77.0	78.9	79.7	87.9	81.0	81.5	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	69.d	79.0	81.2	82.3	83.7	84.d	84.5	85.1	85.1	85.9	86.0		86.0	86.0	86.0	86.0
≥ 1800	69.1	79.3	81.5	82.5	84 • C	84.4	84.9	85.5	85.5	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	69.2	80.4	82.7	83.9	85.9	86.7	88.0	88.7	88.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	69.4	80.9	83.5	84.9	87.1	88.2	89.7	90.3	90.3	91.7	91.8	91.8	91.8	91.8	91.3	91.8
≥ ,000	69.4	81.4	83.9	85.8	88.2	89.4	91.0	91.8	91.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 90 0	69.5	81.6	84.3	86.2	88.7	89.9	91.8	92.6	92.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	69.5	81.7	84.4	86.4	89.0	90.3	92.2	93.0	93.d	95.4	95.6	95.6	95.7	95.7	95.8	95.8
≥ 700	69.5	81.7	84.4	86.4	89.0	90.3	92.2	93.0	93.d	95.4	95.6	95.6	95.7	95.7	95.8	95.8
≥ 600	69.	82.3	85.1	87.2	89.8	91.3	93.1	94.0	94.d	96.5	96.6		96.8	96.8	96.9	96.9
≥ 500	69.5	82.3	85.1	87.4	89.8	91.1	93.1	94.1	94.1	96.8	97.0	97.0	97.2	97.2	97.4	97.4
≥ 400	69.5	82.3	85.2	87.4	90.2	91.9	93.8	94.9	94.9	97.8	98.1	98.1	98.5	98.5	98.8	98.8
2 300	69.5	82.3	85.2	87.4	90.2	92.1	94.0	95.0	95.0	98.0	98.3	98.3	98.7	98.7	98.9	98.9
≥ 200	69.5	52.4	85.3	87.5	90.3	92.1	94.4	95.4	95.4	98.4	98.8	98.8	99.5	99.5	99.7	99.7
> 100	69.5	82.4	85.	87.5	90.3	92.3	94.4	95.4	95.4	98.4	98.8		99.6	99.6	100.0	100.0
2 0	69.5	82.4	85.3	87.5	90.3	92.3	94.4	95.4	95.4	98.4			99.6	99.6	100.0	100.0

744 TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL M 0-14-5 (OL A) PREVIOUS COITIONS OF THIS FORM ARE GROOLETE

OLUMAL CLIMATOLOGY BRANCH FRETAC A REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14.42

BIRLINGTON INTL VT

73-80

DEC

TATION -

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1530-1700 House (L.s.v.)

		_														
CEICNO							٧١S	iB:Li*¥ ST.	ATUTE MIL	ES .						
(FEE')	⋝ .0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥≀⊁	≥1%	≥1	≥ 1/4	≥ %	≥ ∀:	≥ 5/16	≥ ¼	≥0
NO CEIUNG ≥ 20000	25 • . 30 • 8	25.8 31.6	25.8 31.6							25.8 31.6			25 · 8 31 · 6	25.8	25.8 31.6	
≥ 18000	31.	31.4	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 14000	31.5	31.9	31.9	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4		32.4	32.4	31.9
≥ 1,0000 ≥ ,5000	36.0 40.3	36.8	36.8	36.8 41.9	36.8 41.9	36.8			36.8	36.8					36 · 8	
≥ 9000 ≥ 8000	41.1	42.3	42.3		42.3	42.3	42.3						42.3			42.3
≥ 7000	46.4	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 6000 ≥ 5000	47.7 51.5	53.1 54.2		50 • 3 54 • 3	50.5 54.6					50.7 54.7			50.7 54.7	50.7 54.7		50.7 54.7
≥ 4500 ≥ 4000	53 .1	56.7	56.7	56.9 61.4						57.3 62.0			57.3 62.0		57.3 62.0	
≥ 3500 ≥ 3000	69.1	71.0	71.0	71.6	72.0		72.2	72.2	72.2		72.3	72.3		72.3	72.3	72.3 79.3
≥ 2500 ≥ 2000	70.4	78.8	79.3	80.6	81.5	82.1	82.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1800	71.4	81.0	51.6	83.3	84.5	85.2	85.9	86.0	86.0	86.3	86.3	86.3	85.9 86.3	86.3		85.9 86.3
≥ 1500	71.9	82.3			86.6		88.6 91.0			89.5 92.7			89.5			89.5 92.7
≥ 000	72 • 5	94.0 84.1	84.9		89.7		92.2	93.3		94.8	94.8	94.8	94.8		94.8	
≥ 800	72.0	84.3	85.2	88.0	90.1	91.3	92.7	94.0	94.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700 ≥ 600	72.0 72.0	84.4	85.3 85.5	88.2 88.3	90.3		92.9 93.0	94.2		96.0		96.4	96.4	96.4		
≥ 500 ≥ 400	72.0 72.0					91.5 92.1	93.0 93.7		94.2			97.0 97.7	97.3 98.1			97.3 98.1
≥ 300 ≥ 200	72.0	84.4	85.6	88.6	90.9	92.2	93.8	95.2	95.2		98.1	98.1	98.7	98.7		98.7
> 100 > 0	72.0	84.4	85.6	88.6	90.9	92.2	94.0	95.4	95.4	98.1	98.8	98.8	99.6	99.6	99.6	99.7
	72.5	84.4	85.6	88.4	70.9	72.4	94 • U	Y 3 • 4	73.4	76.1	75.5	70.8	99.6	77.6	77.5	. UU • 🗅

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ODSOLETE

SE SAL CLIMATOLOGY BRANCH SCAFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 STATION

BURLINGTON INTL VT

STATION NAME

73-80

DEC

744

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1840-2300 HOURS (L.S.T.)

CEILING							VIS	iBility ST	ATUTE MIL	FS.						
(FEET)	≥ ;0	ه≤	≥5	≥ 4	≥3	≥2%	≥2	≵ ∙%	≥1%	≥1	≥ ¾	≥%	≱ 4.	≥5/16	≥ ¼	≥c
NO CEILING	27.2	28.5	28.9	28.9	28.9	26.9	28.9	28.9	28.9	28.9	28.9	28.9	20.9	28.9	29.0	29.0
≥ 20000	29.7	31.6	32.1	32.1	32.	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3	32.3
≥ 18000	30.1	32.0	32.5	32.5	32.5	32.5	32.5			32.5	32.5		32.5	32.5	32.7	32.7
≥ 16000	30.2	32.3	32.8	32.8	32.8	32.8	₹2.8	32.8	32 . 8	32.8	32.8	32.8	32.8	32.8	32.9	32.9
≥ 14000	30.5	32.7	33.2	33.2	33.2	33.2	33.2	33.2			33.2		33.2	33.2	33.3	33.3
≥ :2000	34.4	36.6	37.1	37.1	37.1	37.1	37.1	37.1			37.1	37.1	37.1	37.1	37.2	37.2
20000: ≤	37.5	40.1	40.6	40.6	43.6	43.6	40.6				40.6			40.6	40.7	40.7
≥ 9000	37.8	40.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.3
≥ 800C	39.0	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3		42.3		42.3	42.3		42.5
≥ 7000	42.4	45.d	45.6	45.6	45.6	45.6		45.6	45.6		45.6		45.6	45.6	45.7	45.7
≥ 6000	44.2	47.4	48.1	48.1	48.1		48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3	48.4
≥ 5000	50 d	54.0	55.1	55.1	55.1	55.1	55.2	1			55.2	55.2	55.2	55.2	55.4	55.5
≥ 4500	51.6	56.2	57.3	57.3	57.3	57.3		57.4	57.4		57.4		57.4	57.4	57.5	57.7
≥ 4000	53.9	59.8	61.3	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6		61.5	61.6	61.7	61.8
≥ 3500	59.1	67.2	69.1	69.4	69.4	69.5			69.6	69.6	69.6			69.6		69.9
≥ 3000	53.4	75.9	78.4	79.2	79.7	79.8			80.2	80.2	80.2		80.2	80.2		80.5
≥ 2500	:3.7	77.1	80.1	81.3	81.9	82.0		82.4	82.4	82.4	82.4	82.4	82.4	82.4	62.5	82.7
≥ 2000	64.7	79.7	82.4	84.0	84.8	84.9		85.3	85.3	85.5	85.5		85.5	85.5		85.8
≥ 1800	64.	80.0	82.7	84.3	85.1			85.6	85.6	85.8	85.8		85.8	85.8	65.9	86.0
≥ 1500	55.3	81.6	84.7	86.3	87.2			88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.8	89.7
≥ 1200	65.3	82.4	85.6		89.1			91.1	91.1	91.4	91.4		91.4	91.4	91.5	91.7
≥ ,000	55.3	82.5	85.8	88.2	89.7	90.7	91.8	92.6		93.0	93.0	93.0	93.0	93.0		93.3
± 900	05.3	82.7	86.0		90.1	91.1			93.0	93.7	93.7	93.7	93.7	93.7	93.8	94.0
≥ 800	65.3	82.8	86.3	88.8	90.5				93.4	94.1	94.1	94.1	94.1	94.1		94.4
≥ 700	55.3	82.9	86.4	89.0	90.6		92.7	93.5	93.5		94.5			94.5		94.8
≥ 600	65.3	82.9	86.4	89.0	90.9			94.1	94.1	95.0	95.0	95.0		95.0	-	95.3
≥ 500	65.3	82.9	86.4	89.1	91.0		93.4	94.4	94.4	95.3	95.3	95.3			95.4	95.6
≥ 400	65.3	83.1	86.1	89.7	91.7	92.9	1 1	95.2	95.2	96.1	96.5	96.5				
≥ 300	65.3	83.1	86.1	89.7	91.8	93.1	94.5	95.6	95.6	96.5	97.0	97.0				
≥ 200	65.3	83.1	86.1	89.7	91.8		94.8			96.9	97.4	97.4	97.8	97.8		
> 100	65.3	83.1	86.	89.7	91.8	93.1		96.1			98.1					
≥ ¹00 ≥ 0	05.3	83.1	86.1	89.7	91.8					. 1	98.4					100.0
	03.4	3304		9,01	71.99	7304	77.7	70.4	,,,,,	77.03	,,,,,	70.7	7703	77.5	7701	

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

SEE AL CLIMATOLOGY BRANCH

CATETAC

AL EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-83

DEC

1-.42 BURLINGTON INTL VT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2120-2300

VISIBILITY STATUTE MILES (FEET) >:0 ≥ 5 ≥:% ≥ 5/16 27.8 27.8 27.8 27.8 27.8 27.8 27.8 32.0 32.0 32.0 32.0 32.0 32.0 27.2 27.7 NO CERUNC 24.9 28.5 31.2 31.9 31.2 31.9 > 18000 28.8 ≥ 16000 28.8 > '4000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 34. ≥ 7000 ≥ 6000 > 5000 ≥ 4500 > 3500 3000 2500 59.7 > 2000 61.3 1800 62.1 ≥ 1200 ≥ 1000 62.1 52.1 52.1 900 > 800 700 600 62.2 500 78.5 84.4 88.3 89.7 90.7 92.6 94.0 94.0 95.8 96.2 96.2 96.5 96.5 96.6 96.6 78.6 84.5 88.4 89.9 91.4 93.1 94.6 94.6 96.5 97.3 97.3 97.6 97.6 97.7 97.7 78.6 84.5 88.6 90.1 91.4 93.5 95.0 95.0 96.9 97.8 97.8 98.3 98.3 98.7 98.7 78.6 84.5 88.6 90.2 91.5 93.7 95.2 95.2 97.3 98.4 98.8 98.8 98.8 99.5 99.9 400 62.4 62.4 62.4 100 84.5 88.6 90.2 91.5 93.7 95.2 95.2 97.3 98.4 98.4 98.8 98.8 99.6 CC. 73.6

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC JUL M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

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LL PAL CLIMATOLOGY BRANCH L'AFETAC ATC WEATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

1-,42

edelington intl vt

73-80

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

							VIS	BLUTY ST	ATUTE MILI	FS.	_					
CEILING (FEET)																
(*25.1	≥:0	≥6	≥5	≥ 4	≥ 3	≥ 2%	≥ 2	≱⊹ક્ર	≥۱%	۱ <u>≤</u>	≥ %	≥%	≥ ″	≥5/10	2%	≥ċ
O CEILING	23.3	25.4	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.F	25.8	25.9	25.8	25.9	25.
≥ 20000	27.6	30.0								36.4			30.4		30.4	
≥ 18000	27.7	30.1	30.3	30 • 4	,	30.5			-	30.5					30.5	
≥ .9000	27.1	33.2	30.5		30.6					30.7			30.7	_		_
≥ 14000	23.9	31.0	31.3	31.3	31 - 4					31.5				1	31.5	
≥ .500€	31.	33.6			34.0					-				34.0	34.1	34.
> 10000	33.7	36.6	36.9	36.9	37.0				37.1		37.1			37.1	37.1	
≥ 9000	34.2	37.2					37.7			37.7				37.7	37.7	$\overline{}$
≥ 8000	36.7	39.1	39.4		39.6	-	39.6		39.6	. ,	39.6				39.7	
≥ 7900	38.7	42.5	42.8				43.2							43.2		
≥ 6000	40.7	44.9	45.2		45.6						45.7				45.8	
≥ 5000	44.5	50.4	50.9							51.7		51.7				
≥ 4500	47.4	53.7	54.4	- ' - 1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.
≥ 4000	49.5	56.9	57.8							58.9				53.9	58.9	59.
≥ 3500	54.3	63.8	65.1		- 1			7		66.5				66.5	66.5	
≥ 3000	58.4	79.5	72.2	73.2	73.8	74.0	74 • 3	74.3						74.4	74.4	74.
≥ 2500	6∏ • ₹	74.1	76.1	77.5	78.3	78.6	1		-	79.3	- 1				79.3	-
≥ 2000	61.4	76.9	79.3	81.3	82.3	82.8	83.4	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.
≥ 1800	51.7	77.2	79.7	81.8	82.9	83.4	84.0	84.2	84.2	84.5	84.5	84.5	84.5	84.5	34.5	84.
≥ 1500	62.3	78.9	81.6		85.3	86.0	86.8	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.8	87.
≥ 1200	62.4	79.6	82.5	85.3	86.7	87.6	88.6	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.8	89.
≥ ،000	62.5	80.Q	83.1	86.1	87.8	88.8	90.q	90.7	90.7	91.8	91.8	91.8	91.9	91.9	91.9	91.
≥ 900	52.5	80.4	83.5	36.6	88.4	89.4	90.6	91.4	91.4	92.6	92.6	92.6	92.7	92.7	92.7	92.
≥ 800	ს2•6	83.6	83.7	86.9	89.7	89.7	91.1	91.9	91.9	93.2	93.3	93.3	93.4	93.4	93.4	93.
≥ 700	62.6	80.7	83.9	87.1	88.9	90.0	91.4	92.4	92.4	93.8	93.9	93.9	94.0	94.0	94.1	94.
≥ 600	62.1	81 <u>•</u> q	84.3	87.6	89.5	90.6	92.2	93.2	93.2		94.9	94.9	95.0	95.0		95.
≥ 500	52.7	81.1	84.4	87.8	89.8	91.1	92.8	93.8	93.9	95.6	95.8	95.8	96.0		96.1	96.
≥ 400	62.7	81.1	84.5	88.1	90.2	91.5		94.4	94.5	96.4	96.8	96.8	97.2	97.2	97.3	97.
≥ 300	62.7	81.2	84.6	88.2	90.3	91.7	93.6	94.9	94.9	97.0	97.6	97.6	98.1	98.1	98.2	98.
≥ 200	62.4	81.3	84.7	88.1	90.4	91.9		95.3	95.3	97.5	98.1	98.1	98.7	98.8	99.0	99.
> 100	62.8	81.3	84.1	88.3	90.5	91.9	94.0	95.4	95.4	97.8	98.5	98.5	99.2	99.3	99.7	99.
≥ 0	62.8	81.3	84.7	88.3	90.5	91.9	94.0	95.4	95.4	97.8	98.5	98.5	99.3	99.4	99.8	- חתונ

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

LITAL CLIMATOLOGY BRANCH FISTAC 41- REATHER SERVICEZHAC

CEILING VERSUS VISIBILITY

14.4

SUPLINGTON INTL VT

73-81

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CELLING				•			- v:\$	B . ** ST	ATUTE MIL	ES						
(FEE*)	≥:0	≥6	≥5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥ . ⅓	≥1%	≥1	≥ %	≥ %	≥ y	≥5/18	24	≥ 3
NO CERING	33.4	37.8	39.3	38.7	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.3	39.1	39.1	39.1	39.2
≥ 20000	38.6	43.5	44.0	44.5	44.9	44.9	45.0	45.0	45.0	45.0	45.C	45.0	45.1	45.1	45.1	45.2
≥ 18000	38 • 7	43.5	44.1	44.6	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.3
≥ 16000	38.4	43.6	44.2	44.7	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.4
≥ '4000	39.2	44.2	44.7	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.9
≥ :2000	+1.1	46.4	47.0	47.6	48.0	43.0	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	45.3
20000: ≤	43.5	49.5	50.2	50.8	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.6
≥ 9000	44.3	5 . 5	51.2	51.8	52.3	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.5
≥ 800C	47.1	54.1	55.	55.7	56.2	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.7
≥ 7000	49.7	57.5	58.4	59.2	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	63.2
≥ 6000	51.7	67.1	61.7	61.9	62.5	62.6	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.3
≥ 5000	54.3	64.3	65.4	66.4	67.0	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	57.	67.2	68.5	69.5	77.2	73.3	70.5	70.6	70.6	70.6	70.6	73.5	70.7	73.7	70.7	70.8
± 4000	57.5	7.3.8	72.2	73.3	74.1	74.3	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
≥ 3500	52.7	75.2	76.8	78.1	79.0	79.2	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.3
≥ 3000	5 • 5 ن	79.5	81.4	83.0	84.0	84.3	84.6	84.7	84.7	84.8	84.8	84.3	84.9	84.9	54.9	85.0
2 2500	67.	82.0	84.0	85.8	86.9	87.2	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	8 8. 0	88.1
2 2000	68.0	83.9	86.2	88.2	89.5	89.9	90.4	90.5	90.5	90.7	90.7	90.7	93.8	90.8	90.9	93.9
2 '800	63.1	84.2	86.6	88.6	89.9	5 . 3	90.9			91.2	91.2		91.3	91.3	91.3	91.4
≥ 1500	68.5	85.1	87.6	89.8	91.2	91.7	92.4	92.6		92.8					93.0	93.0
≥ 1200	63.6	95.5	88.2	90.5	92.1	92.6	93.4	93.6	93.6	93.9	94.0	94.0	94.0	94.C	74.1	94.2
≥ .000	68.7	85.9	88.6	91.1	92.7	93.3	94.2	94.5			95.0	95.0	95.1	95.1	95.1	95.2
≥ 900	68.8	86.1	88.9	91.4	93.0	93.7	94.5	94.9	94.9	95.4	95.4	95.4	95.5	95.5	95.6	95.7
≥ 800	69.8	86.2	89.1	91.5	93.3	93.9	94.9	95.3			95.9	95.9			96.1	96.2
≥ 700	65.8	86.3	89.1	91.8	93.5	94.2		95.7	95.7		96.4	96.4			96.6	96.5
≥ 600	69.8	86.3	89.2		93.8			96.1	96.1		96.9				97.1	97.2
≥ 500	68.8	86.4		92.1	94 • 1			96.6		, ,	97.6	97.7	97.8		97.9	98.0
<u>2</u> 400	68.8	86.4	89.4	92.3	94.3	95.1		97.0			98.2	98.2			98.5	98.6
≥ 300	60.€	86.4			94.4		96.6	97.4			98.7	98.7		1	99.1	99.2
≥ 200	63.8	86.4	89.4	92.4	94.4			97.5			99.0			99.4	99.5	
> 100	68 · F	86.4	89.4	92.4	94.4			97.5			99.1	99.1				99.8
≥ 0	68.8	36.4	89.4	92.4	94.4	95.4	96.8	97.5	97.6	98.6	99.1	99.1	99.6	99.6	99.8	100.0

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

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PART D `

SKY COVER

Stations that report both synoptic and airways observations have had their sky cover reports converted into airways. The synoptic hours have significantly lower observation counts than the airways, hence, a small percentage of observations were reported in the 1/10, 4/10, 5/10, 6/10, and 8/10 categories. In order to use this data more beneficially we have combined:

1/10 and 4/10 into the 3/10 (scattered) category 5/10, 6/10 and 8/10 into the 9/10 (broken) category 0/10 is the clear category 10/10 is the overcast category

SLIPAL CLIMATOLOGY BRANCH SAFETAC ATH SEATHER SERVICE/MAC

SKY COVER

14742

BURLINGTON INTL VT

74-81

JAN

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JAIL	10-02	12.4			12.1		! !			1	13.0	62.5	7.8	744
	r3 − 05	11.8			13.6			<u> </u>			11.2	63.4	7.8	743
	ns-08	9.9			13.3		ļ 				15.9	60.9	7.9	744
	09-11	6.5			16.2		<u> </u>				20.3	57.1	8.0	743
	12-14	7.5			12.9		! ! !	·			22.3	57.3	8.1	744
	15-17	8.0			12.8						20.2	59.0	8.1	742
	15-20	10.8			17.6						14.5	57.1	7.5	744
	21-23	12.0			14.0						13.9	60.2	7.7	743
												1		
												<u> </u>	 	
τo	TALS	7.9			14.1						16.4	59.7	7.9	5947

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

SUCHAL CLIMATOLOGY BRANCH

SAFETAC

AT- WEATHER SERVICE/MAC

SKY COVER

14742

BURLINGTON INTL VT

74-81

FEB

STATION

STATION NAME

PER OD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	. SKY COVER				MEAN :	TOTAL NO OF
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SRY COVER	OBS
FEB	^G-D2	14.2			15.4				ļ		11.7	53.8	6.9	67
	13-05	17.7			16.4						12.4	53.5	7.0	67
	r5 −J 8	13.7			15.6						14.6	56.0	7.4	67
	19-11	9.9			15.6						19.0	55.6	7.7	67
	12-14	8 • 8			16.5						19.5	55.2	7.8	678
	15-17	17.9			14.0			<u> </u>			20.6	54.4	7.7	67
	15-20	15.1			18.0			ļ 			18.9	48.0	7.0	67
	21-23	13.5			15.7						13.9	51.9	6.9	67
												<u></u>		
			 											
10	TALS	14.2			15.9				}		16.3	53.6	7.3	541

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

CLURAL CLIMATOLOGY BRANCH 11 AFETAC ATT REATHER SERVICE/MAC

SKY COVER

14742

BURLINGTON INTL VT

74-81

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STATION

STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SAY COVER	NO OF UBS
MA F	00-02	21.3			13.9						11.2	53.6	6.8	74
	03-05	17.7			16.8						11.3	54.2	6.9	74
	06-09	13.7		ļ	13.8				ļ <u>.</u>		17.3	55.1	7.5	744
	79-11	10.9	7-00		14.4						19.4	55.4	7.7	744
	12-14	9.8			15.3						20.8	54.0	7.7	744
	15-17	8.1			20.7						19.2	52.0	7.6	744
	10-20	11.4			20.7						17.2	50.6	7.2	74
	21-23	18.1			20.4						12.0	49.5	6.6	74
						 		 		-				
10	TALS	13.9			17.0						16.1	53.1	7.3	594

FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

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CLUMAL CLIMATOLOGY BRANCH USAFETAC AIT REATHER SERVICE/MAC

SKY COVER

14742

SURLINGTON INTL VT

74-81

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STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTA	L SKY COVER				MEAN	TOTAL
MONTH	(E.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF	NO OF OBS
p	20-02	22.4			16.6						13.5	47.6	6.5	719
	3-05	22.3			12.6						11.3	53.8	6.8	716
	76+28	15.9			14.8						19.1	50.3	7.2	718
	~9-11	12.1			16.8						22.5	48.6	7.4	720
	12-14	9.1			20.3						22.6	49.0	7.5	720
	15-17	6.7			20.0						25.1	48.2	7.7	720
	13-20	11.1	<u> </u>		20.0						19.0	49.9	7.3	720
	21-23	21.0			19.7						13.5	45.8	5.4	720
									-				ļ 	
								<u> </u>			<u> </u>			
10	TALS	15.0			17.6						19.3	49.2	7.1	575

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIBAL CLIMATOLOGY BRANCH CLAFETAC ATH WEATHER SERVICE/MAC

SKY COVER

STATION

14742 BURLINGTON INTL VT

STATION NAME

74-81

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SRY COVER	NO OF OBS
7 A Y	.c-05	26.3			20.9						12.7	40.2	5.8	743
	13-05	15.3			25.2	_					20.6	39.0	6.5	739
	76-08	13.5			20.3						24.1	42.2	7.0	741
	09-11	10.7]	24.2						26.6	38.6	7.0	74
<u></u>	12-14	8.6			24.6				<u> </u>	<u> </u>	26.7	40.1	7.2	74
	15-17	7.7			24.1				ļ		25.3	43.0	7.3	74
	18-20	7.8			21.7						28.4	42.0	7.4	74
	71-23	13.9		ļ 	24.4						15.5	41.2	6.2	74
											1			
	<u> </u>										1			
10	TALS	13.6			23.2						22.5	40.8	6.8	593

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

SLIBAL CLIMATOLOGY BRANCH INTERESTAC Ale Weather Service/MAC

SKY COVER

14742 SURLINGTON INTL VT

73-80

JUN

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF	NO OF OBS
JUN	0-02	21.6			24.4						16.8	37.2	6.0	71
	13-05	12.1			25.8						21.9	40.1	6.8	70
	`6-08	10.1			22.6						23.1	44.2	7.2	71
	39-11	8.4			24.3						26.7	40.6	7.2	71!
	12-14	6.9			22.6						29.0	41.4	7.4	728
	15-17	5.9			23.7						31.1	39.2	7.4	71
	12-20	6.7	 		20.9				<u> </u>		29.6	42.9	7.6	71
-	21-23	13.4			24.1						22.6	39.9	6.7	70
	-							-						
														
			-			- -		-	-					
to	TALS	10.6			23.6	 					25.1	40.7	7.0	570

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

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CLURAL CLIMATOLOGY BRANCH SAFETAC ALL MEATHER SERVICE/MAC

SKY COVER

14742

BURLINGTON INTL VT

73-80

JUL

STATION

STATION NAME

PERIOD

HTMON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MON18	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUL	00-02	24.4			21.7						18.3	35.6	5.9	725
	73-05	15.2			24.2						25.3	35.4	6.5	712
···-	36-38	11.8			24.7	····					28.8	34.8	6.8	730
	09-11	8.7			28.3						29.7	33.4	6.9	728
	12-14	4.2			31.3						31.4	33.2	7.1	742
	15-17	5.4			31.9						31.7	31.0	6.9	739
	13-20	8.2			26.8						30.4	34.6	7.0	736
····-	21-23	17.1		 	25.6					ļ	23.7	33.6	6.3	730
										-				
										-	 			
														· · · · · · · · · · · · · · · · · · ·
10	TALS	11.9			26.8						27.4	34.0	6.7	5842

USAFETAC	FORM	0-9-5	(OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLEBAL CLIMATOLOGY BRANCH SAFETAC ATE MEATHER SERVICEAMAC

SKY COVER

14742

BURLINGTON INTL VT

73-80

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER	t			MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
AUG.	20-32	26.5			21.6	·				ļ	12.4	39.5	5.7	73
	3-05	19.5			21.1						19.3	40.1	6.4	72
	76-08	12.7			23.6						24.1	39.6	6.8	73
· 	79-11	10.1			23.6						25.9	40.4	7.1	73
	12-14	5 • 1			26.0						32.3	36.5	7.3	73
- -	15-17	7.0			26.7						29.5	36.7	7.1	73
	18-20	8.2			28.4				;		27.8	35.6	6.9	74
	21-23	19.6	·····		23.6		<u> </u>	ļ	<u> </u>		22.6	34.2	6.2	73
	 						ļ	-		-	-			
			· · · · · · · · · · · · · · · · · · ·					-	 	 	-			
										 	 		-	·
10	TALS	13.6			24.3	=====	 	 		 	24.2	37.8	6.7	587

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

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CLUPAL CLIMATOLOGY BRANCH ISAFETAC ATH AEATHER SERVICE/MAC

SKY COVER

14742	BURLINGTON	INTL VT
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73-80

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO OF OBS
SEP	70-02	24.4			16.4						15.4	43.8	6.3	71
	n3-05	21.7			18.0						16.3	44.1	6.4	70
	26-08	9.9			22.0						23.7	44.4	7.2	71
	39-11	7.5			23.5						29.1	39.9	7.3	71
	12-14	7.0			21.9						31.7	39.5	7.5	71
	15-17	9.2			19.6						28.9	42.3	7.4	71
	18-20	14.1			20.6			ļ	ļ		21.3	44.0	6.9	71
	21-23	20.5			18.7						17.9	42.9	6.5	71
			· 			···								
10	TALS	14.3			23.1			<u> </u>			23.0	42.6	6.9	571

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GL(PAL CLIMATOLOGY BRANCH USAFETAC AI) WEATHER SERVICE/MAC

SKY COVER

14742 STATION BURLINGTON INTL VT

STATION NAME

73-80

PERIOD

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL
MONIA	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF OBS
3C T	30-02	23.9			17.4						12.2	49.5	6.6	73
	13-05	19.7			16.4						12.3	51.6	6.8	73
	36-38	13.1			14.1			1			22.0	50.8	7.5	74
	79-11	13.1	· · · · · · · · · · · · · · · · · · ·		16.3				ļ 		23.2	50.3	7.6	74
	12-14	3.3			18.8				\ \		24.5	48.4	7.6	74
	15-17	9.7	<u></u>		18.5						22.8	48.9	7.5	74
	18-20	14.7			18.3						20.0	47.0	7.1	74
	21-23	19.0		-	15.9	<u></u>					18.8	46.3	6.8	74
fO	TALS	14.4			17.0	 -					19.5	49.1	7.2	592

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CLURAL CLIMATOLOGY BRANCH CAFETAC AI REATHER SERVICE/MAC

SKY COVER

14742

BURLINGTON INTL VT

STATION NAME

73-80

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PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN .	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	>8S
NCV	20-02	10.3			13.4						15.6	60.8	7.9	719
	03-05	11.6			12.5						15.0	60.9	7.8	714
	06-08	5.0			15.1						18.7	61.2	8.3	71
	29-11	4.3			11.8						22.1	61.8	9.5	719
	12-14	5.3			12.5						24.6	57.6	8.4	720
	15-17	4.2			14.3						22.4	59.2	8.4	720
	18-20	8.6			13.2						15.4	62.7	8.1	719
<u></u>	21-23	11.4			12.5						15.5	60.6	7.8	718
	 										-			·
								<u> </u>						
10	TALS	7.6			13.2						18.7	60.6	8.2	5746

USAFETAC	FORM JUL 64	0-9-5 (OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
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GLEEAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

SKY COVER

14742

BURLINGTON INTL VT

73-80

DEC

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN :	TOTAL NO OF
	(£.S.T.)	0	1	2	3	4	5	6	,	в	9	10	SAY COVER	OBS
DEC_	~0-02	12.5		ļ	10.0			<u> </u>	ļ		10.9	66.6	7.9	74
	13-05	12.1			12.0						9.9	66.5	7.9	74
	76-08	6.6			11.1						19.6	62.8	9.4	74
	79-11	5.0			12.7						19.1	63.2	9.4	742
	12-14	5.5			10.2			! ↓			22.2	62.1	8.5	744
	15-17	7.0			14.9		<u></u>	<u> </u>			19.5	58.6	8.1	74
	10-20	12.3			14.0	···					13.2	60.5	7.7	74
	21-23	10.4			13.9	·					9.9	65.8	7.9	73
			 ,,	-							-			
10	TALS	8.9		 	12.4						15.5	63.2	9.1	593

USAFETAC	FORM	0.9.5	(OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECTION SERVICE/MAC

SKY COVER

14742

BUPLINGTON INTL VT

73-81

ALL

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	Ŷ	10	SHY COVER	○BS
٠. Δ د	ALL	9.9			14.1			İ	ļ 		16.4	59.7	7.9	594
ngs.		14.2			15.9						16.3	53.6	7.3	5416
544		13.9			17.0			ļ Ļ			16.1	53.1	7.3	5944
4PF		15.0			17.6				<u> </u>		18.3	49.2	7.1	575
~ Δ Y		13.6			23.2	<u>-</u>		ļ 		 	22.5	40.8	6.8	593
J J'.		10.6			23.6		ļ 	.	ļ		25.1	40.7	7.0	570
JUL		11.9			26.8			•	<u> </u>		27.4	34.0	6.7	584
4 U3		13.6			24.3			ļ •		<u> </u>	24.2	37.8	6.7	5876
3 EP		14.3		ļ	20.1			; ; 	ļ 		23.0	42.6	6.9	5710
דמנ		14.4			17.0						19.5	49.1	7.2	5921
NOV		7.6			13.2						18.7	63.6	8.2	574
or c		8.9			12.4						15.5	63.2	8.1	593
101	ALS	12.3			18.8						20.3	48.7	7.3	6973

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTES) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Walues for means and standard deviations do not include measurements for Secomplete mouths.

Continued on Reverse

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3. Bevariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

Tais tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- ----

a. The main body of the summary consists of a bivariate percentage frequency distribution of vet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and vet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (σX) . The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Vet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (*F)	JAN	FEB.	MAR	APR	MAY	JUN.	JUL	AUG	SEP.	OCT	NOV	DEC	ANNUAL
: 5						.1.	1.4.	1.0.					•
				+ Z.	1.2.	4.3.	9.9.	4.5.	.7.			-	1.
				٠ ٠ ٠ ٠	4.5.	18.1.	30.2.	17.4.	4.7.	1.		_	5
٤ ـ .			. 1.	1.1,	12.4.	33.9.	59.2.	44.3.	12.8.	1.0.		_	14.
. ii.		4		3.0.	25.5.	59.9.	81.2.	6B.9.	26.6.	. 4aû.	•2.		22.
* ! "			. 6.	7.9.	42.0.	77.4.	94.6.	. 86.4.	47.3.	12.9.	.b.		30.
15.			1.2.	15.5.	55.46.	90.2.	99.5.	96.1.	66.5.	24.1.	2.7.	_	37.
		. 3.	3.3.	26.3	73.1.	96.3.	100.0.	99.3.	84.3.	42.1.	7.4.	. 9	44.
5	• 7.	. 9.	7.0.	41.0	86.1	99.6	_	100.0.			15.9		50.
	2 . 4.	1.6.		57.9	96.0	99.8.			99.3.			5.2.	56.
4]	5.0.		22.5.		98.9.	100.3			99.9.				62.
			40.4.		99.9.					96.7.			69.
	24.4.		60.1							99.3.			77.
31	39.5.	49.7.		99.3.			•					55.9.	84.
7,	55.5.	64.2		99.9			•				•	70.3.	93.
5 '	69.8.	77.2		100.0.	•	•		•				82.9	93.
11	81.7.							•	•			91.7	96.
12 :								•				96.5	98.
5	. ∴ <u></u>				→						-	98.6.	99.
• •	ىسىدى. .4. <u>6</u> 9										•	99.6	99.
-5		99.8.						•	-				994
		100.0.						•				29.9.	
	. 2727. 193.0.				-		· · •					100*0 "	100.
		•						•					100.
- 4	•	•				i					•		
*		-		1		-		-		•	•		
•		+		1					•	_	•	· · · · · · · · · · · · · · · · · · ·	
•	- •	•	•	-7	,						•	- •	
•	•	+					·		•		•		
	•	•		1	•	. ,		-			-		
•								-	•		-	-	
	•	•	+										
-	•				<u> </u>				- · · +			-	
												-	
			÷-						+	·			
_		1.4								ree ege 🛊	:" 1		
MEAN	25.7	27.9								57.3		30.6 .	53.
	1 121	11.5741	0,6291	3.9671	0.558	8.572	6.743.	7.172	8.8671	Lu.0511	0.1631	1.566 .	21.93
TOTAL OBS	1054	261	1054	1020	1054	99.7	1023.	1023	000	1023	a a .	1023	1220

DAILY TEMPERATURES

AL CLIMATOLOGY BRANCH
TAC
SATHER SERVICE/MAC
SATHER SERVICE/MAC
SATHER SERVICE/MAC
SATHER STATION NAME

_48-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (*F)	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP	oct	NOV	DEC	ANNUAL
							.3.	•1.	.1				•
•						2 • 2	4.9.	3.7.	1.1			_	1.
. ŗ	•	•	•		• 7.	11.4	19.7	15.0	5.6	. 2.	•		4.
	•	•	•	. 4	5.8	27.1	47.3	35.8	12.0	. 9	•		10.
	•	•	• 1	• 9	13.3	48	72.6	62.2	25.2	4.7	. 4	*	15.
	• 1	• 1	٠.,	2.6	27.7	70.8	90.1	83.3	46.6	13.9	2.2	.3 -	28.
4 -	•		• 0	7.6	46.7	88.7	98.5	95.7	65.6	26.5	6.7	. 8	36.
41	•	• 5	3.1	2: 4	63.0	97.1	99.9	99.6	83.1	44.9	16.5	2.2	44.
7.	1.5	1.8	8.3	45.2	84.7		100.0		93.7	64.6	33.9	6.2	52.
	3.7	4.3	13.2	48.2		100.0			97.1		38.4	9.2	56.
	7.2	3.5	23.2	63.9	95.5	.00,00	•	•	99.3	84.0	51.8	17.4	62.
- - -	14.3	16.9	43.5	87.5	99.9	•	•	•	100.0		71.8	28.3	71.
<u> </u>	23.0	27.2	58.2		100.0	•	•	•	100.0	•		T 1 +	
~ · · · •		T			Ting en	•		•	- •	99.7	85.8		77.
	34.1	3 4 . 4	72.9	98.8						100.0	93.5	55.0	82.
	40.3	50.6	83.6	79.5							97.6	66.8	87.
	5 4 5	62.5	89.9	99.8							99.1.	77.6	90.
- !· +	71.1	73.3		100.0							99.8	86.6	93.
- ' "	80.C	34.5	97.5				- ·				100.0	92.3	96.
-1	86.6	89.6	99.1									96.1	97.
-15	94.6	94.4	99.7									98.5	98.
-22	98.2		100.0									99.5	99.
-25	99.7	79.6			· · · · · ·			_				99.9	99.
- ?′. 🕌	100.0	130.3			· · · · · · · · · · · · · · · · · · ·							100.0	100.
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MEAN *	7	7.3	23.5	32.8	44.1	54.2	55.7	56.7	48.6	38.3	29.8	15.4	34.
s. D. "	14.4421	4.5551	1.606	3.317				7.203					20.44
TOTAL OBS.	1 54	.6.1	1 754	1020	1054	99	1023	1023	95	1023	99	1023	1223

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

AL CLIMATOLOGY DAARCH
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STATION NAME

45-61

YĒAĀS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	4.	FE8	MAR	APR.	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
	*							. 4						
	_					. 4.	2.1.	5.9.						
7 🕻						1.5.	12.9	22.4	13.6.	4.2.				4.
• • •					• 4	7.3	30.5	53.0	35.2	11.4	• 7		_	11,
5			•	·	1.4	16.4	53.2	82.1	66.9	24.0	3.2		-	20.
-	-	•	•	. 2.	4 • 1	32.8	76.5	96.5	88.5		12.3		-	2?.
5	•	• 1.	•	• d.		51.6	93.2	99.9			24.1	3.0	• 3	37.
	•	*	• 3.	2.3.	20.5	73.6		100.0			43.1	11.0	1.5	44.
u	•	. 7	1.2	5.9	37.7		100.0		103.0		64.3	22.5	2.4	51,
		₹ . 2 • 5.	2.8	15.2	56.4	98.1							<u> </u>	59.
7	-	3.8	13.1	33.4		100.0.								_
,		7.8.				Tanea.			•	100.0.				
	_		21.5.	51.7.					•		99.4			
	-	202.	35.5.	_ 6.9 • 5.			-				100.0		48.0 .	81.
		4.	<u>53•9,</u>	83.8	99•7.				•			97.2.		86.
. 12		-4.	63.4.	92.4.	99.9.		- •				•	99.2.		. 90.
1.		• 6.	76.2.		100.0.							99.9.		
		2.3	<u>3</u> 7.5.									100.0.	93.3.	
• *	-	4	92.8.							+			97.0	
- 5		. <u>.</u>	95.9	99.9				-					98.8.	99.
-1	ξ, ξ	.7.		100.0		•							99.7.	99.
-15	9	.6	99.9										100.0	100.
- 3.4	100) <u>.</u> []	10 .0										_	100.
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MEAN	*	- 0	16.8	+ + + + + + + + + + + + + + +	43.0	55.6	65.4	70.0	67.5	59.0	48.3	77.1	23.2	44.
S. D.	12.6	76	2.4701	0.360	4.652	8.792			6.327	8 - 24 F			2.184	27.31
TOTAL OBS		54	F	1054	1020	1354	993	1023	0.035	0 6 6 7 3	1023	79714	69497	- r - i - 2 T

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GERBAL CLIMATOLOGY BRANCH CAFETAC ATH WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT
STATION NAME
STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	ост.	NOV.	DEC	ALL MONTHS
46	35	46	71.	72	83	93	96	96	92	73	75	54	9
49	5 3 i	48	64	78	82	94	98	97,	84	8 5	58	57	9
5 1 - *	63	40	59	71	86	91	91	8.9	80	8.2	75	57	9
51	52	46	61	67	85	8 9	89	86	85	79	64	60	8
52	47	45	5 C	74	77	90	93	94	87	70	65	54	9
5.3	52	5.8:	64	6.3	86	95	99,	9 2:	90	80	69	55	9
54	47	54	59	79	80	91	87	90	81	79	64	46	9
5 5	40	45	52	70	8 5 ₁	91	97	95	84	74	57	41	9
56	45	45	43	62	83	92	87	90	85	79	68	52	9
57	51	60	57	79	8 3	93	88	87	85	74.	59	62	9
58	44	41	52	78	80	84	90	8.8	86	76	52	41	9
50	5.3	42	56	72	88	93	96	95	90	77	67	49	9
50	40	48	57	76	83	88	91	90	92	65	59	53	9
61	4 3	46	69	67	88	8 8	90	91	88	74	65	47	9
62	45	47	72	87	89	90	92	87	84	73	56	55	9
63	39	37	61	69	79	91	97	8 4	80	8.3	60	41	9
54	50	37	58	74	90	93	96	86	82	75	66	62	9
65	48	48	51	71	86	92	87	91	88	76	58	56	9
56	56	51	56	69	85	91	98	91	81	74	68	61	9
67	49	42	61	69	81	91	85	8 5	81	77	64	49	9
68	38	46	67	84	76	82	92	88	83	80	60	43	9
69	43	33	48	77	81	88	94	87	87	7 3	56	48	9
75	41	44	45	80	83	89	94	92	86	79	61	56	9
71	40	4 3	47	60	90	92	89	90	86	79	68	51	9
72	49	47	53	73	87	88	92	87	85	73	55	49	9
73	52	46	65	80	76	88	94	91	90	71	61	61	9
74	51	44	63	82	85	93	91	87	82	75	68	53	9
75	5 <i>2</i>	45	54	66	91	93	94	99	77	7 3	71	58	9
76	50	54	71	91	83	91	94	88	81	71	58	41	9
77	33	45	0.8	8 3	93	90	99	92	84	70	70	45	9
MEAN										1			
S. D.										+	+		
TOTAL OBS											1		

O-88-5 (OLA) (AT LEAST ONE DAY LESS THAN 24 OBS) USAF ETAC

GLUBAL CLIMATOLOGY BRANCH LGAFETAC AI: REATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14742 BUPLINGTON INTL VT
STATION NAME

48-81

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH EAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
79	5.5	33	54	64	92	87	91	90	82	71	64	47	9
79	5 1 _i	43	68	74	92	89	93	8 9	84	81	64	56	9
80	5 o 4 3	48 62	58 72	70 73	86 83	93	89	90	8 3	72	54	52	9
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MEAN	47.1	45.9	59.4	73.6	84.6	90.4	92.5		84.7	75.5	63.3	51.9	93.
S. D.	6.863		8.697			2.794					5.548	6.451	2.78
TOTAL OBS	1054	961	1054 + (BAS	1020	1054	990	1023	1023	990	1023	990	1023	1220

USAF ETAC TOLA 0-84-5 (OLA) (AT LEAST ONE F Y LESS THAN 24 OBS)

SLUBAL CLIMATOLOGY BRANCH USAFETAC AI: **EATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT STATION NAME

48-81

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ОСТ	NOV	DEC	ALL MONTHS
43	-22	-26	-20	20	32	38	48	50	33	23	24	-8	-26
49	-6	-12	-2	21	32	40	47,	44,	33	22	2	-6	-12 -19
<u>- 5₹</u>	-11	-19	-17	16	27	40	46	46	31	25	14	-8	-19
51	-13	-21	15	27	29	41	53	45	29	26	3	-14	<u>-21</u>
52		-1	-5	27	27	47	45	49	36	22	18	-9 $_{p}^{\circ}$	-9
53	-8	- 3	2	26	34	35	46	42	31	27	14	-2	-22
54	-22	~22	2	9	32	46	45	41	38	28	17	1	-22
5.5	-8	-23 -8	3	21	36:	4 3	51	43	32	25	12	-22	-21 -12
56	-12	-8	-5	18	28	38	47	45	33.	25	2	- 5	-12
5 7	-30	-6	5	17	27	39	48	39	33 36	25	-1	0 :	- 30
5 `	-13	-13	17	24	29	35	50	49		24	-2	-18	-18
59	-14	-18	1	21	31	4 3	51,	46	32	22	_ 4_	- 3	-16
50	-13	-1	-4	20	38	36	44	42	35	24	20	-16	-16
51	-15	-20	-8	21	25	36	45	42	31,	20)	10	- 1 i	
52	-11	-25	-7	17	25	39	39	43	30	23	10	-13	-25
63	-17	-26	-9	18	26	41	45	40	25	24	16:	-19	-20
64	-7	-9	12	3	29	37	42	4 C	30	22	12	-2	-9
65	-19	-11	5	7	29	3.3	43	35	29	26	15,	4	-19 -20
66	-20	-15	6	23	24	36	45	47	33	19	13	-10	-20
67	-14	-25	-11	17	28	37	48	44	34	2 3	6	-8	-25
68	-27	-13	-13	18	25	44	45	41	37	23	10	-23	-25 -21
69	-12	-5	-12	16	28	40	40	40	32	20	3	-16	-16 -22
73	-22	-19	-3	17	30	39	48	44	42	22	17	-19	-22
71	-20	-25	-9	12	29	36	46	46	38	32	12	-13	-25 -22
72	-13	-22	-8	2	30	35	46	43	32	15	2	2	-22
73	-17	-21	10	17	30	35	47	45	31	26	19	-11	-21 -24
74	-24	-12	0	12	27	4.5	49	48	29	19	9	Ō	-24
75	-8	-15	2	16	34	39	51	4 3	34	29	18	-16	-16
76	-24	-3	8	16	35	40	45	35	33	24	10	-11	-16 -24
77	-23	-8	17	18	30	42	46	43	39	25	10	-13	
MEAN				· · · · · ·						<u> </u>			
5. D													
TOTAL OBS												i	

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC JUL 64 0-88-5 (OL A) (AT LEAST ONE DAY LESS THAN 24 OBS)

SLIMAL CLIMATOLOGY BRANCH

SCAFETAC

AI: MEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT
STATION STATION NAME

48-81

YEARS

WHOLF DEGREES FAHRENHEIT

MONTH.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	oct	NOV.	DEC	ALL MONTHS
7	-5	-19.	-8	17	30	40	40	46	3C	21	7	- 5 †	-19
79	-16	-30	10	24	30	39	44	42	30	26	19	-7	- 30
8.5	-4	-5	-18	26	38	41	47	50	28	24	11	-26	-26
31	-27	3	11	23	30								
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MEAN S. D.	-15.3 6.826	8.7861	-1.0	17.9	29.81 3.537	39.2	46.1	43.6	32.7 3.522	23.7		7.789	-20 ·
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023		1023	1220

USAF ETAC JUL 44 0-88-5 (OL A) (AT LEAST ONE DAY LESS THAN 24 OBS)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE Ž Q 0.26.3

-1/ -3

-c/ -7

-11 -9

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2.7

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

14742

SURLINGTON INTL VT

PSYCHROMETRIC SUMMARY

15

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JAN

PAGE 1 0000-0200 HOURS 14. 5. T.1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 577 55 4/ 53 527 51 . 3 51/ 49 1 487 47 3 46/ 45 • 1 1 647 63 •1 • 3 #1/ 41 1.2 12 1 467 39 11 Π • 7 . 7 30/ 37 • 1 20 1.5 15 23 3:1 35 1.2 1.1 22 14 . 3 22 34/ 33 21 2.2 26 26 23 727 31 • 9 1.5 • 9 267 29 2.6 29 29 27 25/ 16 33 17 1.3 16 • 3 29 201 25 3.4 1.6 41 41 21 24/ 23 2.2 . 8 27 36 22/ 21 5.1 44 57 57 27 19 44 6 C 207 1.1 3.8 1.1 32 18/ 17 3.0 32 28 33 1.1 43 35 35 33 10/ 15 4.0 • 3 33 29 . 1 4.0 33 42 14/ 13 3.1 42 42 48 38 1./ 11 2.3 42 43 9 1.6 3.6 42 25 1.1 3.1 31 31 40 81 20 .8 2.6 27 25 2.5 25 25 ₹3 29 41 23 23 " 1 . 4 2.7 16 42 -1 . 4 18 18 27 30 2.0

74-31

26 3 15 -16/-11 Element (X) No. Obs. Žχ Mean No. of Hours with Temperature ≤ 32 F a 73 F Dry Bulb Wet Bulb Daw Point

SECRAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

14742 BURLINGTON INTL VT

PSYCHROMETRIC SUMMARY

JAN

STATION				5	TATION N	AME								YEA	25				MON	TH
																	PAG	E 2	9668-	<u>-026</u>
																			HOURS IL	. S. T.
Temp.					,			TEMPER									TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25	- 26 2	7 - 28 29	- 30 2 3	1 D.B. W.B.			
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14/-15	2 • 3		 	ļ		<u> </u>	<u> </u>	L		ļ							17		17	
11/-17	• 5			İ						1	i		1	İ	:	i	4	1	4	
10/-19	• 5	ì	ļ	<u> </u>	ļ		↓	1			L					<u> </u>	4			
21/-21	• 5		1	1	1	l					ŀ		1	:	j		4	•	4	1
22/-23	• 3	ļ	<u> </u>	·	↓ _		<u> </u>				ļ					i		. 2	2	
24/-25			1					1		{			!	1	j		1		. !	1
26/-27		 		·	<u> </u>	<u> </u>	 	├		 								<u> </u>		1
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72/-33	a a		l		ł _		Ì	1 1		l	1]	1	1]	i	
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Element (X)		Z _X ,	0000		ZX		X	**************************************		No. OL							with Tempera			 -
Rel. Hum.			9948		522			13.€			44	± 0 F	1 3		≥ 67 F	≥ 73 F	- 80 F	≥ 93 F	<u></u>	atal .
Dry Bulb			1578		116			14.6			44	14.		7.4		 		+		9
Wet Bulb			6585		106		14.3	13.9	82		44	16.		4.1		 				ÿ
Dew Point		24	1275	<u> </u>	55	3 يا	7.4	16.4	3 CL		44	30.	4 8	7.9			<u> </u>			9

74-81

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZHAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-81

STATION STATION NAME

PAGE 1 C300-3500 HOURS IC. S. T. TOTAL

Temp.						WFT	BULB	TEMPE	ATUR	E DEPI	RESSION	(F)						TOTAL	 -	OTAL	_
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 2	4 25 . 2	6 27 - 25	20 .	30 > 31	D.B. W.B. D.			ew Point
4/ 53		- 1	• 1	3.0	7.0	7 - 10	11 - 12	13 1 13	132,	91.7.	0 17 - 2	21 - 2	23 - 2	23.2	0 27 - 20	27-	30 - 231	2	2		
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26/ 25	1.1	3.0	• 9	• 3						 	 	 	 		+			39	39	34	24
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-12/-13	4							ļ									1	7	3	3	9
Element (X)		Σχ'			Z X		¥	•,		No. (Obs.				Meso	No. of	Hours wit	h Temperatur			
Rel. Hum.							^ _		-+-			± 0	F	: 32 F		7 F	≥ 73 F	- 80 F	• 93 F	Ť.	rel
Dry Bulb								_	$\neg +$			† *	` -		+		- , ,	 		 '	
Wet Bulb						- -			$\neg +$			 	-+		+	\dashv		 		 	
Dew Point			-									 	-+		+	$\overline{}$		 		 	
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GLUMAL CEIMATOLOGY RRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	لان	$H \Gamma I N$	<u>GTON</u>	<u>INT</u>	L VT					74-	61						_	ا ن Mon	١.
STATION				\$	TATION NA	AME							YE	ARS					
																PA	5E 7	MOURS L	- (j f (j . 5. T.)
Temp.						WET	BULB	TEMPER	ATURI	DEPRE	SSION (F)				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 23 -	24 25 - 26	27 - 28	29 - 30 -	31 D.B. W.	3. Dry Bull	Wet Bulb	Dew Po
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-24/-25	. 1		Ĺ	ļ •			ļ			<u> </u>			<u> </u>	1 1			1	1, , 1,	
-20/-27				i	1		İ			1				i i					1 €
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36/-31							!	! !		1			,	· ·					4
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Element (X)		Σχ'			ž x	\neg	X	- F	-	No. Ob	s.			Mean No	o. of Hours	with Temper	rature		
Rel. Hum.			8812		525	94		14.5	22		43	5 0 F	: 12 F	≥ 67 1				FT	otal
Dry Bulb			7996		110		14.8	14.9	71		43	15.5	80.6						
Wet Bulb			8231		150		13.5	14.3	2 3		43	16.6	84.0		7-				9
Dew Point			4522		5.0			16.5			43	34.0	88.7		-+			- †	9

USAFETAC FORM 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLURAL GLIMATOLOGY BRANCH USAFETAC AIR WEATHOR SERVICEZMAC

PSYCHROMETRIC SUMMAR

4742	20	PLIN	GTON						74-	£ 1							۸ ر
STATION				51	ATION N	AME						ΥE	ARS				MONTH
															PAGE	1 _	೧೬೧⊍- #00#\$s
Temp.						WET	BULB '	TEMPERAT	URE DEPRE	SSION (F)				TOTAL		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8				- 16 17 - 18			- 24 25 - 26	27 - 28 29 -	30 + 31		ry Bulb W	fet Bulb De
12/ 51		. 1													1	1	
5. / 40	1	• 1				ļ				į		i			1	1	1
46/ 47		• 1													1	1	1
41/ 45	. 1	• 1	• 1			;	İ		1		!	ſ			3	3	<u>.</u>
44/ 43		• 4	. 4												0	5	
42/ 41	1	• 5	- 1			!			į	1	1				5	5	b
46/ 34	• 4	. 4	• 5	. 1			i						·	•	11	11	3
31/ 37	ļ	• 9		. 4		ļ			;	1					1.8	18	3
?t/ 35		1.9	1.2												2.3	23	13
34/ 33	• 3	2.3	• 1	• 5					į l	Ì					28	្នឧ	31
12/ 31	. 4	2.4	• R	. 4											30	30	? 1
301 29	1	1.5	• 4	. 1	• 1							_			10	16	17,
21/ 27		2.2	1.5	• 3								i	,			29.	28
26/ 25	1.6	3 • ⊍	- 4	- 1			}			!					3 €	38	7.3
24/ 23	• 9	2.3	• 5			1									2€	28	79
2/ 21	1.1	1.6				i	<u> </u>	l l				i	<u>. </u>		20.	2.0	34
2 / 19	• ?	3.4	• 7										,		37	37	22
1./ 17	1.7	3.8	• 5				1	i _ _ i _			i				4.5	4.5	43;
10/ 15	- 3	2.8	- 1												2+	24	3.3
14/ 13	1.2	3.2	• 1				L	<u></u>							34	34	
1./ 11	. 7	2.8	• 1							ì		1			27	27	2.6
1./ 9		4.6	. 1				<u> </u>								42	4.2	35
z/ 7	• 5	4.6				j	}								40	4 D	46
6/ 5	• 8	3.2				<u> </u>	<u></u>								36	30	41
4/ 3	. 7	4.7						1	1				i		, 4U	4 J	3.+
2/ 1	1.9	3.5				ļ									40	40	45
6/ -1	1.7	. 4					1		1			i			16,	16	75
1 -3	1.2	• 9			ļ	1]						<u> </u>		16	16	15
-4/ -5	2 . 3	• 5				ļ						1	į i		<i>7</i> 1	21	21
-1/-7	1.5					<u> </u>				i 			<u> </u>		11	11	15
-1/ -9	1.6		ĺĺ		1	1	1					İ	i į		12	12	12,
11/-11	1.2						<u> </u>						<u> </u>		<u> </u>	9	9,
14/-13	• 1]		1	}		1			ļ	:	1	1:	1	1
14/-15	2 • 2				<u></u>	<u>l</u>	1			أرحيك			<u> </u>		16	15	16
Element (X)		ΣX,			z x		<u> </u>	•.	No. Ob	s			· · · · · · · · · · · · · · · · · · ·		h Temperatu		·
Rel. Hum.								 	 		* 0 F	: 32 F	≥ 67 F	≥ 73 F	▶ 80 F	≥ 93 F	To
Dry Bulb										/_		 				ļ	
Wet Buib													ļ				
Dew Peint						L_		L	_			l	1		1	L	<u> </u>

AD-A113 224	AIR FORCE ENVIRONME BURLINGTON 1AP, VER DEC 81	NTAL TECHNICAL MONT. REVISED	. APPLICATIONS CEN' Uniform Summary O	TERETC F/G 4/2 F SURFACE WEAETC(II)
UNCLASSIFIED			SBI-AD-E850 139	· NL
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GEORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT
STATION STATION NAME 74-81 JA N MONTH 0600-0800 PAGE 2 HOURS IL. S. T.
 WET BULB TEMPERATURE DEPRESSION (F)
 TOTAL
 TOTAL

 1 - 2
 3 - 4
 5 - 6
 7 - 8
 9 - 10
 11 - 12
 13 - 14
 15 - 16
 17 - 18
 19 - 20
 21 - 22
 23 - 24
 25 - 26
 27 - 28
 29 - 30
 ≥ 31
 D.B. W.B. Dry Bulb Wet Bulb Dew Point
 Temp. (F) -1e/-17 12 42 1.6 12 12 -12/-19 6 6 -?:/-21 10 3 3 3 -02/*-*23 • 5 7 -24/-25 -26/-27 -26/-29 17 -36/-31 -32/-33 2 -34/-35 T^TAL 33.053.9 9.0 2.0 744 744 Mean No. of Hours with Temperature Element (X) No. Obs. 3974669 53413 71.813.730 Rel. Hum. 744 20F ≤ 32 F ≥ 67 F = 73 F = 80 F = 93 F Dry Bulb 317592 10460 14.115.150 744 15.9 80.9 93 93 744 17.4 Wet Bulb 280749 9583 12.914.551 84.5 6.417.355 Dew Point 246491 4753 744 89.4 93

0-26-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY RRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742	BURLINGTON INTL VT 7	4-81			JAN
STATION	STATION NAME	YEARS			MONTH
			PAGE	1	9900-1100 HOURS (L. S. T.)
Temp.	WET BULB TEMPERATURE DE	PRESSION (F)	TOTAL		TOTAL
1			DR WR	D B 11	W-4 B IL D- B-

						_													HOURS IL.	5. T.1
Temp.										DEPRE							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28 2	9 - 30 ≥	D.B. W.B.	Dry Bulb	Wet Bulb D	ew Point
52/ 51			• 1														1	1		
5. / 49			. 3					[1					2	2		
4 / 47		• 3	• 1							T							3	3	2	
40/ 45	• 1	. 4														i	4	4	5	4
44/ 43		• 3		• 3									1			i	4	4	4	2
12/ 41		. 3	• 1	• 5				ĺ'				ll_					7	7	2	5
427 39		• 3	1.2	• 1												1	12	12	2	2
3 / 37	. 3	1.2		- 1						1		·			i.		23	23	11	3
7:/ 35	• 1	f	.7	• 3													23	23	28	5
34/ 33		3.5				L					L						30	30	26	9
32/ 31	. 7	2.2	• 4	• 1								[Ī	25	25	37	36
76/ 29		2.0						<u></u>		<u> </u>			1				19	19	14	34
201 27	• 5	3.1	• 8														33	33	27	19
26/ 25	1.5									1	L						44	44	4 3	27
24/ 23	• 3	(• 5										1	į		ì	26	26	32	20
22/ 21	• 5	3.0	• 5	• 1				L		<u> </u>							3.1	31	27	23
26/ 19	• 3		1.1														46	46	47	30
1-/ 17	• 3	3.0	. 4			L	L	<u> </u>		1							27	27	32	19
16/ 15	• 4	3.1	1.1				1					1	1	İ			34	34	31	37
14/ 13	• 7	4.6	1.1					L		<u> </u>		1					47	47	29	33
12/ 11	• 8	4.2	- 4			}		[[{	i i	1			İ	40	40	44	2.5
157 9	. 7										Ĺ	l					40	40	47	23
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t:/ 5	. 4									<u> </u>	L						27	27	37	22
4/ 3	• 3	1	: 1		}	}	ļ	ļ		1	(1	- 1			-	33	33	38	2.
2/ 1	• 9					<u> </u>											32	32	39	36
∴/ -1	1.3						}	}		}		[[- (1		13	13	16	32
-21 -3	1.2										L						20	20	17	47
-4/ -5	1.3	• 5]	ļ	ļ		1	{	1	- 1				14	14	17	38
-c/ -7	1.6				L		L			L		1					13	13	16	25
-5/ -9	1.5]]			}	}				•	1 1	1			l	11	11	11	29
-16/-11	• 7						<u></u>			<u> </u>							5	5	5	1 ĉ
-12/-13	1.1		.]]		1						1	8	8	8	1 (
-14/-15	• 5				L	<u> </u>	L				<u> </u>						4	4	4	1
Element (X)		ZX1			ZX		X	•,		No. Ol	·\$.						with Temperat			
Rel. Hum.												2 0 F	<u> </u>	32 F	≥ 67 F	€ 73	- 80 F	→ 93 F	T .	otel
Dry Bulb																4				
Wet Bulb								l								1				
Dew Point									[-1		1	_	}	1	Į.	1	1	

SLUPAL CLIMATOLOGY BRANCH USIFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT
STATION STATION NAME 74-81 0900-1100 HOURS (c. 5, T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | c 31 | D.B. W.B. Dry Bulb Wer Bulb Dew Point -16/-17 11 -15/-19 -06/-21 1 7 . 1 1, 1 -22/-23 -24/-25 6 -26/-27 -21/-29 -31/-31 -32/-33 -34/-35 TOTAL 19.565.613.3 1.6 744 744 744 744 Element (X) X _ ₹, No. Obs. Mean No. of Hours with Temperature Rel. Hum. 69.713.861 744 = 0 F : 32 F ≥67 F = 73 F • 93 F 3755940 51848 Dry Bulb 12090 16.313.974 11.8 79.4 341560 744 Wet Bulb 14.813.446 297537 11019 744 12.5 83.0 7.816.182 Dew Point 744 239890 5608 34.4 89.4

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ORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUPAL CLINATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-81 JAN
STATION STATION NAME YEARS MONTH
PAGE 1 1270-1405
HOURS ILL. S. T. I

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

																				HOURS IL.	5. T.1
Temp.							BULB											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. (Dry Bulb	Wet Bulb De	ew Point
5(/ 49		• 4	• 1		• 3													6	6		
40/ 47		. 7	• 1	• 3							i	İ		<u> </u>				8	8	5	
46/ 45			• 1								Ī							1	1	5	2
44/ 43			• 3	• 3	• 3	• 1											1 .	7	7	2	5
42/ 41		• 1	1.1	• 5	• 1												Ī	14	14	3	3
40/ 39	1	• 3	1.2	• 3														1 3	13	5	1
36/ 37		1.7	• 7															18	18	1 3	1
36/ 35		3.0	• 5							<u> </u>	.			į	1. 1			26	26	28	9
34/ 33	• 4	3.2	• 5								-						1	31	31	38	17
32/ 31	• 3		• 9							L				l				25	25		42
31/ 29	• 3	2.4	2.0	• 1						1				Ī				36	36	21	26
28/ 27	. 8	3.1	2.4	• 1					<u> </u>					}			1	48	48	33	25
2t/ 25	- 8	2.3	1.7	• 1													i	37	37	46	30
24/ 23	• 1	2.7	• 9	• 3			l			L								30	30	34	17
22/ 21	• 3	3.1	2.0	. 4														43	43	45	14
2L/ 19	€.		2.8							<u></u>								5 3	53	45	3.0
19/ 17		2.4	2 . 8			_											Ī	39	39	29	36
16/ 15	• 3	3.5	3.9														İ	57	57	48	40
14/ 13	1.1	4.6	1.3														İ	52	52	59	32
12/ 11	• 3	3.5	. 4							<u>L</u>	L			1				31	31	49	33
17 9	• 4	3 - 1	• 5						i									30	30	41	26
٤/ 7		2.4								<u> </u>	1			<u> </u>	LI		<u> </u>	18	18	26	23
6/ 5	• 1	4.6								1				1				35	35	29	15
4/ 3		3.2								ļ	<u> </u>			<u> </u>			<u> </u>	24	24	31	31
2/ 1	• 1	3.2								İ	İ				1			25	25	24	59
u/ -1	. 4	- 8								1							ļ	9	9	21	35
-21 -3	• 1	1.3	1	Ì														11	11	12	37
-4/ -5	• 3	• 3								<u> </u>	Ĺ			L	1		!	4	4	ਲ	31
-6/ -7	• 3														ļ			2	2	3	21
-8/ -9	• 4									↓	<u> </u>			1			1	3	3	3	24
-11/-11	• 7									l		'						5	5	5	20
-12/-13															LI		<u> </u>				9
-14/-15																			ļ		12
-16/-17	• 1									<u> </u>	<u> </u>	<u> </u>		<u></u>		_	<u> </u>	1	1	1	16
Element (X)		Z _X '			Z X		X	**		No. OI	36.						ours wit	h Temperatu	re		
Rel. Hum.												≤ 0 1	<u> </u>	≤ 32 F	≥ 67	F	73 F	≥ 80 F	≥ 93 F	To	tel
Dry Bulb															<u> </u>			<u> </u>			
Wet Bulb											\longrightarrow		\perp					 			
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FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY PRANCH USAFETAC

ATE MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION STATION NAME
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1200-1400 PAGE ?

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GLCGAL CLIMATOLOGY ERANCH USAFETAC ATE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

14742 SURLINGTON INTL

STATION STAT

PSYCHROMETRIC SUMMARY

14742 SURLINGTON INTL VT JA N. 74-61 1506-1700 PAGE 2 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F)

O 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. (F) -1c/-17 16 • 1 1 1 1 -15/-19 7 -21/-21 3 -22/-23 3 -2-/-25 1 -26/-27 -2:/-29 4 -31/-31 TOTAL 6.559.828.4 4.0 1.2 743 743 • 1 743 743 Element (X) No. Obs. Mean No. of Hours with Temperature 64.115.551 743 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 3234566 47644 Rel. Hum. 2 0 F ≤ 32 F Dry Bulb 412236 14988 27.212.170 743 4 . C 77.9 340958 13372 5.9 Wet Bulb 18.011.626 743 80.5 43 Dew Point 233660 7038 9.515.002 743 27.5 88.5

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0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SAFETAC FORM

GLUBAL CLIMATOLOGY PRANCH USAFETAC AIF WEATHER SERVICE/MAC

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

14742 EURLINGTON INTL VT
STATION STATION NAME

9AGE 1 18C0-25UC HOURS ILL S. T. I

Temp. WET BULB TEMPERATURE DEPRESSION (F)
TOTAL TOTAL

TOTAL TOTAL

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SECRAL CLIMATOLOGY PRANCH USAFETAC AIN WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 SURLINGTON INTL VT 74-31 JAN YEARS STATION NAME MONTH 1606-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Puint Temp. (F) 12 -14/-15 1 1 1 -1c/-17 5 5 20 10 -16/-19 -2-/-21 - ?2/-23 7 -24/-25 -26/-27 6 -201-29 -35/-31 2 -72<u>/-33</u> TOTAL 13.560.921.8 3.1 744 744 744

Z X! X No. Obs. Mean No. of Hours with Temperature Element (X) 49563 66.615.017 3469297 Rel. Hum. 744 2 0 F ≤ 32 F ≥67 F | ≈73 F ≥ 80 F ■ 93 F 17.913.061 365331 13323 744 8.9 79.8 Dry Bulb Wet Bulb 308325 11983 16.112.459 744 9.8 82.1 27.6 89.0 Dew Point 229832 6144 8.315.526 744

0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC

AC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GEURAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| 14742 | | SUPLINGTON INTL VT | 74-81 | | JA||
| STATION | STATION NAME | YEARS | MONTH |
| PAGE 1 | 2100-2303 | HOURS (U.S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 56/ 55 54/ 53 527 567 49 • 3 42.1 1 1 • 1 46/ 45 44/ 43 • 3 4 4 • 1 42/ 41 9 9 2 457 39 11 11 •1 30/ 37 1.5 2 3 17 29 361 1.9 1.2 17 34/ 33 1.2 16 25 26. 31 28 28 1.7 28 . 1 25 25 13 31/ 29 1.6 1.2 16 1.3 1.3 25 25 33 18 267 25 46 27 4.0 46 27 24/ 23 1.6 . 8 23 23 48 11 22/ 21 1.2 3.1 2.4 50 50 33 1.9 201 13 43 4.2 47 47 26 3.8 1 / 17 . 3 1.2 39 39 46 37 10/ 15 2.4 1.3 29 29 36 29 • 1 _ 9 42 42 -8 4-3 36 13 1.7 11 1.6 4.0 46 46 45 51 11/ 9 -7 6.5 55 55 52 3.1 26 26 48 32 E. / 7 1.3 29 5 1.5 21 21 26 6/ 4/ 3 3.6 27 27 23 34 57 3.0 22 21 1 23 23 -1 1.1 16 16 26 1.7 • 4 27 -21 - 31.2 16 15 13 15 26 13 -4/ -t/ -7 . 8 6 6 8 22 -9 1.3 10 10 10 16 9 19 15/-11 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 5 0 F ± 32 F = 67 F = 73 F = 80 F ≈ 93 F Total Dry Bulb Wet Bulb Dew Point

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

SECRAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BURLINGTON INTL VT 14742 74-81 STATION NAME 2170-2300 HOURS IL. S. T. PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) -1./-13 1.1 8 8 8 17 -14/-15 -16/-17 1.5 11 11 11 11 . 1 1 1 1 12 -18/-19 -20/-21 3 1 . -?2/<u>-23</u> 16 -24/-25 5 -26/-27 -30/-31 ς 5 -32/-33 TOTAL 21.157.818.5 2.0 744 744 744 Element (X) X I **7**_k No. Obs. Mean No. of Hours with Temperature Rel. Hum. 3641933 50951 69.514.335 744 2 0 F ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb 343348 12214 16.413.865 11.9 80.9 744 93 14.813.195 Wet Bulb 293244 11042 744 13.5 84.1 93 7.515.804 Dew Point 227522 5586 744 28.5 68.3

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR'

14742 STATION		HLIN	••• •		TATION N				— <u> </u>	+-51			Y£	EARS		—			- J
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Wet DU10	<u> </u>			 _														<u> </u>	

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-81 JA'. YEARS PAGE 2 ALL HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 D.B. W.S. Dry Bulb Wet Bulb Dew Point -1:/-13 28; 28 28 58 -14/-15 1.1 68 58 117 -10/-17 34 34 34 124 . 6 -18/-19 25 . 4 25 -2./-21 • 2 62 13 13 13 -22/-23 . 1 6; 6 6 -24/-25 49 6 -26/-27 61 -26/-29 22 -31/-31 2.3 -32/-33 13 -34/-35 595° TOTAL 19.060.217.9 2.5 5950 5950 5950

SECRAL CLIMATOLOGY BRANCH

AIR WEATHER SERVICE/MAC

USAFETAC

THIS FORM ARE OBSOLETE

PREVIOUS EDITIONS OF

(OL A)

0-26-3

Zx No. Obs. Element (X) • Mean No. of Hours with Temperature 29151819 68.414.631 ● 93 F Rel. Hum. 407215 5950 ≤ 32 F ≥ 67 F ≥ 73 F ≤ 0 F Total 86.5 637.2 98.5 663.0 Dry Bulb 2555308 100430 16.913.965 **5**950 2444657 5950 Wet Bulb 90845 15.313.334 744 1904272 47086 7.916.046 595C 245.8 709.9 744 GLURAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-81 FES

STATION STATION NAME

PAGE 1 OCCUB-0200 HOURS ILL S. T.*

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

																		FAU:	- •	HOURS IL	
Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	-
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Element (X)		2 x'			Z X		¥	**		No. Ol	·s.				Mean N	o of Ho	urs wit	h Temperat	UF		
Rel. Hum.									\neg			= 0	F	± 32 F	≥ 67	F 2	73 F	→ 80 F	≥ 93 F	T	otal
Dry Bulb																			1		
Wet Bulb																			1	\neg	
Dew Point				1		\neg		$\overline{}$											1	$\overline{}$	

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-81 FEe MONTH PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8. W.B. Dry Bulb Wer Bulb Dew Point -14/-15 6 -11/-17 -18/-19 • 6 4 4 4 13 -~'/-21 • 3 7 -24/-25 6 -20**/-2**9 -36/-31 - 12/-33 -34/-35 -2t/-37 TOTAL 24.059.813.9 2.2 1.0 673 678 678 678 Element (X) No. Obs. Mean No. of Hours with Temperature 3583646 48228 71.115.336 ≥ 67 F = 73 F = 80 F Rel. Hum. 678 # 0 F ≤ 32 F • 93 F 54 Dry Bulb 360408 11846 17.515.055 678 10.4 68.4 Wet Bulb 314518 10846 16.014.432 678 11.8 71.7 24 257004 6350 9.417.081 Dew Point 678 76.2 26.1 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ₹ ಠ 0.26.3

GLUEAL CLIMATOLOGY BRANCH USAFETAC AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

SURLINGTON INTL VT 14742 74-61 FEB STATION NAME MONTH 0306-050 PAGE 1 HOURS IL. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Poin WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 56/ 55 • 1 54/ 53 52/ 51 • 6 4 4 3 5./ 45 3 4 3 41 / 47 1 46/ 45 • 1 • 6 12 12 1 44/ 43 10 41 41 9 9 11 4:/ 39 • 1 • 6 • 6 11 11 7 Έ 3 c / 37 1.3 . 1 7 16 16 301 35 • 6 1.5 16 16 25 •7 33 34/ 33 2.2 33 22 • 4 32/ 31 2.4 27 3L/ 29 1.3 . 1 14 14 17 261 27 2.1 1.2 17 23 24 24 26/ 25 2.9 .7 30 30 32 14 24/ 23 1.3 $1 \cdot 0$ • 6 20 31 21 1.8 . 7 22/ 21 2.7 35 35 34 20/ 19 1.2 4.0 1.0 42 27 33 42 15/ 17 2.4 1.2 30 31 31 38 1.3 16/ 15 • 6 16 16 18 14/ 13 1.6 4.3 . 1 41 41 34 24 1.7 11 1.2 5.0 4 44 41 23 11/ 4.9 36 26 36 43 61 7 3.2 22 22 29 19 1.5 13 13 22 1 ے 4/ 3 3.2 31 27 27 27 1.0 2.7 25 25 25 45 [./ -1 3.2 28 27 27 28 -21 -31.0 13 13 18 21 -4/ -5 2.4 21 21 21 19 -6/ -7 2.4 16 19 27 16 -E/ -9 6 6 27 -15/-11 5 No. Obs. Mean No. of Hours with Temperature 1 32 F 5 0 F ≥ 73 F - 80 F e 93 F Dry Bulb

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AFETAC FORM O

Wet Bulb Dew Point GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

64

14742 BURLINGTON INTL VT 74-81 FE B STATION YEARS 8384-8588 HOURS (L. S. T.) PAGE ? WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) -12/-13 1 1 ٤ -14/-15 6 16 6 6 -16/-17 4 • 5 11 $\frac{13}{12}$ -1:/-19 • 1 1 -25/-21 5 5 5 2 -22/-23 • 6 -24/-25 -26/-27 -2:/-29 -35/-31 -32/-33 -34/-35 -35/-37 -36/-39 TOTAL 29.955.211.8 2.7 675 678 678 Zχ No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 3681477 48997 72.314.412 678 2 0 F ≤ 32 F ≥ 67 F = 73 F * 80 F • 93 F 11099 Dry Bulb 347479 16.415.649 678 14.5 69.6 84 15.115.029 8.717.566 72.6 307363 678 Wet Bulb 10223 14.6 84

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Dew Point

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USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

 14742
 STATION
 INTL VT
 74-81
 FEG

 STATION
 STATION NAME
 YEARS
 MONTH

 PAGE 1
 26CG-88CG

																						. S. T.1
Temp.			·	,							ESSION (,				TOTAL		TOTAL	
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Dry Bulb						L_																
Wet Bulb																						
Dew Point															1		1					

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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THIS FORM

EDITIONS OF

PREVIOUS

0.26-3 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

4742 BURLINGTON INTL VT FE3 74-81 3666-3865 PAGE 2 HOURS (L. 5. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.8. W.B. Dry Bulb Wet Bulb Dew Point -14/-15 22 -16/-17 -18/-19 1 1 1 10 • 1 -20/-21 -22/-23 • 3 2 2 11 • 6 4 8 -24/-25 . 4 1 -26/-27 -26/-27 -26/-29 -36/-31 • 1 3 1 1 4 -32/-33 -34/-35 -36/-37 -38/-39 1 TOTAL 33.653.211.5 1.6 678 675 678 678 Mean No. of Hours with Temperature Element (X) No. Obs. 3742921 49455 72.914.150 267 F 273 F 280 F 293 F Rel. Hum. 678 10F ≤ 32 F Dry Bulb 334796 10512 15.515.931 678 15.9 70.2 84 298522 9712 678 14.315.345 Wet Bulb 16.5 73.7 84 Dew Point 260119 8.117.834 678 29.7 77.1 04 GL(PAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT

74-81

FEB

STATION

STATION NAME

YEARS

0900-1160

PAGE 1

HOURS IL. S. T.I

Temp.	-			-		WET	BULB	TEMPER	RATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
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26/ 25	• 7			1					1					l				26	26	32	-
24/ 23	• 6		1.2				 -	<u> </u>	<u> </u>									27	27	32	
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Rel. Hum.						_		 	_			\$ 0	F	32 F	≥ 67 F		73 F	→ 80 F	- 93 1	F T	etal
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SECRAL CLIMATCLOUY FRANCH USAFETAC ATH WEATHER SERVICE/MAC 14742 BURLINGTON INTL VT

FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

74-81 FEE 3970-1100 HOURS (L. S. T.) PAGE 2

																		T 1		HOURS IL	
Temp.			,	, .	,	WET	BULB	EMPER	ATURE	DEPRE	SSION	(F)		Ţ	,			TOTAL		TOTAL	
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Element (X)		Z X 1	E 4 5 %		2 x	26	<u>X</u>	, F 7		No. Ot			$\overline{}$	± 32 F				h Temperat			
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Wet Bulb			3748		121	<u> </u>	17.8	15.7	40		78	8.		72.1		$-\!\!+\!\!-$		 	+		
Dew Point		27	1523	L	74	13	10.9	16.7	73	6	78	23.	2	75.8	L	1_		L		l	Ö

Element (X)	Z X'	2 x	X	- * <u>*</u>	No. Obs.			Mean No. (of Hours wit	h Temperatu	70	_
Rel. Hum.	3475654	47424	69.9	15.301	678	5 0 F	s 32 F	≥ 67 F	≥ 73 F	- 80 F	≥ 93 F	Total
Dry Bulb	396144	13228	19.5	14.280	678	7.4	68.1					64
Wet Bulb	343748	12140	17.8	13.740	678	8.5	72.1					84
Dew Point	271523	7413	10.9	16.773	678	23.2	75.8					64

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 SURLINGTON INTL VT 74-81 FE D MONTH
STATION STATION NAME PAGE 1 1200-1400 HOURS (U. S. T.)

Temp.		_				WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)		_			TOTAL		TOTAL	-
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28 29	- 30 = 31	D.B. W.B. D	ry Bulb		Dew P
52/ 61				• 1	• 4									<u> </u>			4	4		
t5/ 59				• 3						İ				1			2	2		
57/ 57		• 3	• 1	• 3													5	5		
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Vet Bulb								<u> </u>										<u> </u>		
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Dry Bulb

Wet Bulb

Dew Point

501526

414757

293883

16114

14453

8929

23.813.233

21.312.552

13.215.999

1

14742

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURLINGTON INTL VT

PSYCHROMETRIC SUMMARY

FE5 YEARS STATION STATION NAME 1250-1400 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

1 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point Temp. (F) -1/-7 5 4 • 6 10 -t/ -9 -1-/-11 13 -12/-13 4 -14/-15 5 -16/-17 -18/-19 11 -21/-21 -22/-23 6 -24/-25 -26/-27 -26**/-29** 67₺ TOTAL 2.747.633.5 7.8 2.4 678 678 678 Element (X) ZX No. Obs. Mean No. of Hours with Temperature Rel. Hum. 44030 ● 93 F 3037758 64.916.233 10 F

678

678

678

678

≤ 32 F

61.3

67.6

75.3

3.1

3.7

17.6

2 67 F

≥ 73 F

- 80 F

84

43

84

74-81

GLOWAL CLIMATOLOGY ERANCH USAFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-61 FEB PAGE 1 1500-1700

Temp.						WET	BULB	TEMPER	MATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	* 31	D.B. W.B. D.	y Bulb 1	Wet Bulb	Dew
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Dry Bulb									Ĺ												
Wet Bulb																					
Dew Point																T					

GLUEAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742	<u> </u>	RLIN	16 TON	INT	LVT	AME				74-	-81				ARS					F	E G NTH
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Element (X)		Z XI		†	ZX	一	¥	·,		No. O	be.				Mean t	No. of H	ours wi	h Tempera	lure	·	
Rel. Hum.			6829		419		61.9	16.8	89	- 6	75	± 0	F	= 32 F	≥ 67		73 F	- 80 F	• 93	F '	Total
Dry Bulb			L644		167		24.8	13.6	36		78	2	. ٤	60.3	<u> </u>			1		1	٤4
Wet Bulb		42	7752		148	74	21.9	12.2	41	- 6	72		•6	67.5							84
Dew Point		28	6948		87	26	12.9	16.0	61		78	18	• 2	75.5				T			٤4

ETAC FORM 0.26.3 (OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLUPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-51 STATION 1888-2883 FALE 1 HOURS ... S. T. Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 5 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ± 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 52/ 57 5 • 3 51 / 55 541 6 °2/ 51 3 517 49 • 1 4-/ 47 467 45 44/ 43 5 5 41 6 • 1 • 1 41/ 39 . 6 13 13 3:/ 1.2 37 1.0 26 26 21 31/ 35 . 4 2.7 38 1.6 38 25 34/ 33 1.8 1.8 40 40 37 32/ 31 1.5 30 27 30 • 1 29 1.0 2.8 33 26 15 1.3 21/ 27 2.2 2.1 36 36 42 25 25 761 3.7 2.2 46 46 49 21 24/ 23 1.5 • 9 43 20 20 221 21 27 1.5 2.2 27 28 34 2.7 27 25/ 19 1.6 • 1 34 34 34 17 33 33 37 10/ 2.9 1.9 16/ 15 2 . 4 2.2 34 34 36 3.7 36 14/ 13 36 1.3 12/ 11 5.8 • 6 46 46 36 27 11/ . 4 3.1 27 27 55 7 2.9 24 41 22 5 1.9 14 26 16 11 14 4/ 16 16 2.2 21 1 15 15 14 35 • 6 11 11 16 -3 -21 6 6 8 . 9 7 -4/ -5 7 3 29 -+/ -7 1.2 16 B No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 10F 1 32 F ≥ 67 F ≠ 73 F ≥ 80 F ≥ 93 F Total Dry Buib Wet Bulb

(OL A) PREVIOUS EDITIONS OF 1415 FORM ARE OBSOLETE

0-26-3

ULCHAL CLIMATOLOGY RRANCH USAFETAC AIS MEATHER SERVICE/MAC 14742 BURLINGTON INTL STATION STAT

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-61 FEC STATION STATION NAME YEARS PAGE 2 1600-2000

1870-2707 HOURS L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb (F) Wet Bulb Dew Poin -1:/-11 1 1 -1:/-13 -14/-15 • 1 -16/-17 -15/-19 -5./-21 - 21-23 4 -24/-25 -2t/-27 ŧ -<u>?⊦/-29</u> - 72/-33 -34/-35 TOTAL 11.151.329.1 5.9 1.6 579 675 No. Obs. Mean No. of Hours with Temperature Element (X) 3046640 44122 65.116.793 678 10F 1 32 F 22.113.727 Dry Bulb 457767 14967 679 4 . 6 63.2 54 379411 13417 19.812.971 5.9 54 Wet Bulb 678 68.9 Dew Point 274283 7883 11.616.424 678 75.5

USAFETAC FORM O. 26-3 (OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL(PAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

																					HOURS IL.	i. T.1
Temp.							BULB T												TOTAL		OTAL	
(₱)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 -	18 19 -	20 21	- 22 23	- 24	25 - 26	27 - 28	29 -	30 ≥ 31	D.B. W.B. D	ry Bulb W	et Bulb De	w Point
56/ 55		. 4								Γ	T								31	3	:	
547 53	ļ	• 1	• 3								İ			1	!		i	į	3!	3	3.	1
527 51																					1	3
56/ 49		• 4						i		1	,						1	,	. 3,	3	4	1
4.7 47			• 1	. 4					<u></u>	1									4	4	1	4
467 45	• 1		• 6	• 3						İ				ì			į	1	1.1	11	1;	2 1
44/ 43	• 1	• 7	• 4	• 1	• 1									-					11	11	3	1
42/ 41		• 6	- 1	. 1	• 4							- 1		i			}	j	. 9	9	13	2
407 39		1.2	• 7	- 1														1	14	14	12	7
30/ 37	• 9	2.1	• 9	• 3	·	ļ					ı			i	ļ			i	28	2.8	16	10
317 35	• 6		1.7	1.3	• 3							\neg			-				34	34	33	11
34/ 33	1 • 2	1.5		. 4	• 1		1			Ĺ		_	_[[28	28	35	27
32/ 31	• 4	2.1	1.8	• 3										i					31	31	17	3€
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Element (X)		z _{x'}			Z X		X	₹ 2		No.	Ops.	\bot							h Temperatu			
Rel. Hum.													: 0 F	:	32 F	≥ 67	F	≈ 73 F	→ 80 F	→ 93 F	Tet	el .
Dry Bulb														 			\dashv		ļ			
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Dew Point												L		1						L		

C FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLUBAL CLIMATOLOUY BRANCH USAFETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BURLINGTON INTL VT 14742 FES. 74-21 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) -1./-13 -14/-15 -1c/-17 3 - 4 3 b -1c/-19 1 11 -26/-21 -02<u>/-23</u> --4/-25 5 -21/-27 -2c/-29 5 -31/-31 -34/-35 TOTAL 17.458.019.0 4.6 1.0 €78 676 679 675 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 3377018 ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F ₽ 93 F 68.815.627 679 5 0 F 46664 Dry Bulb 405241 13357 19.714.488 678 7.6 65.7 ٤4 68.9 547131 17.913.839 84 Wet Bulb 12143 678 8.6 272122 7266 10.716.939 23.5 75.6 Dew Point 678 54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ∢ ಠ 0.26.3 GLUPAL CLINATOLOGY I RANCH USAFETAC AIR WEATHIR SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-31 FEL MONTH PAGE 1 ALL HOURS ... S. T. Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 627 61 • G • 1 6.7 59 • 1 577 57 • 1 557 55 24: 24 • 1 747 53 27 27 29 12/ 51 • 0 29 29 • 1 • 1 26 19 557 49 19 • 1 • 1 23 26 47 • 1 38 38 21 46/ 45 • 1 34 . 4 44/ 43 63 63 42 17 42/ 41 • 1 63 63 25 51 4.1 39 • 0 126 106 60 3:1 37 67 171 171 131 3c/ 35 • 5 1.8 1.1 175 • 1 225 225 73 34/ 33 1.1 1.9 300 300 249 1.6 • 2 199 327 31 • 6 267 • 4 2.1 287 198 • 3 321 29 1.4 1.4 181 236 143 161 26/ 27 2.2 1.5 . 1 234 234 271 179 21/ 25 3.0 303 160 1.8 • 1 363 313 24/ 23 1.4 1.1 . 1 183 269 1 8 3 172 22/ 21 2.1 1.6 255 1.0 20/ 19 1.9 1.1 2.8 313 313 261 273 18/ 2.5 17 . 4 1.4 234 234 239 252 1(/ 15 2.4 1.7 248 248 226 228 14/ 13 298 • 6 4 . C 298 260 199 .7 4.8 12/ 11 322 322 337 212 1./ 9 3.8 247 247 359 183 . 3 7 2.8 168 168 206 216 5 194 6/ 1.9 129 129 167 3 • 3 2.3 143 142 143 235 1 2.7 175 175 192 331 ../ -1 134 134 157 23€ -2/ -3 90 1.0 90 111 1 & & -4/ -5 67 179 ZX No. Obs. Element (X) X Mean No. of Hours with Temperature Rel. Hum. Total 5 0 F ≤ 32 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb Wet Bulb

USAFETAC FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLURAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICEZMAC

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Rel. Hum.			1943		3708	5.5	**	15.9		54		± 0 F	\top	± 32 F	≥ 67		73 F	≥ 80 F	+ 93 1		Total
Dry Bulb			4205		1079		19.9				24			526.9		+-		- 55	1		57
Wet Bulb			2902		977			14.0		54				563.1				 	+		67
Dew Point			3322		579		10.7			54				607.7		_+_		 	+	\rightarrow	67

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71 0.26-3

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USAFETAC

GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR MEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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STATION				S	TATION N	IAME				_						-			ΥĪ	ARS				PAG	E 1		MON CCCCC HOURS IN	-0200
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Element (X)		ZX,		ZX		X	7 ,		No. Ob	5.			Mean No.	of Hours wit	h Temperati	yre.		
Rel. Hum.											± 0 F	: 32 F	≥ 67 F	≥ 73 F	≥ 80 F	● 93 F	T	otal
Dry Bulb				 			I											
Wet Bulb						_												
Dew Point																T		

AC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GECPAL CLIMATULOGY BRANCH USAFETAC ATF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BUPLINGTON INTL VT MAR 74-81 YEARS MONTH #0URS (L. S. T.) PAGE 3 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) -4/ -5 3 3 8 -6/ -7 -1/-9 6 -1./-11 -1./-13 9 2 -14/-15 -1:/-17 10.848.928.6 7.1 2.8 1.2 744 744 744 Element (X) No. Obs. 53368 71.716.645 +67 F = 73 F = 80 F Rel. Hum. 4034319 744 5 0 F ≤ 32 F ≥ 93 F Dry Bulb 763730 22092 29.712.003 744 1.6 54.6 93 647743 27.211.365 Wet Bulb 20265 744 2.0 64.1 93 Dew Point 477185 157u3 21.114.036 744 8.5 76.3 93 USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 0300-05LC FAGE 1 WET BULB TEMPERATURE DEPRESSION (F)

Temp.						WET	BULB	TEMPE	RATURE	DEPR	ESSION ((F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 27 - 28	29 - 30	e 31	D.B. W.B.	Dry Bulb !	Wet Bulb 1	Dew Po
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lement (X)		ΣX,			Z X		X	₽ _R		No. O	38 .			Mean I	to. of H	ours with	h Temperatu	170		
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Element (X)	Z X ,	ZX	X	₹	No. Obs.			Mean No.	of Hours wit	h Temperatu	re.	•
Rei. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	• 93 F	Total
Dry Bulb												
Wet Bulb			1									
Dew Point												

GLOBAL CLIMATOLOGY PRANCHUSAFETAC AIH WEATHER SERVICE/MAC

STATION	SURLINGTON INTL VT								74-				YEA	RS				MON	A ₽ ITH	
																PAG	2	HOURS IL	-35u	
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION	F)					TOTAL		TOTAL	
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Element (X)		Z X z			Σχ		X	**************************************		No. Ob			,			,	th Temperat			
Rel. Hum.			7945		551			15.7			44	5 0 F		: 32 F	≥ 67 F	≥ 73 F	▶ 80 F	• 93 1	* T	otal
Dry Bulb			4103		209		28.2	12.3	08		44	2.		57.1		<u> </u>	 			5
Wet Bulb			<u> 8555</u>		194	15	26.1	11.7	12		44	2.		66.4		<u> </u>		 		ç
Dew Point		46	3667	l	152	89	20.5	14.1	84	7	44	7.	Яl	76.9		1	1	1		9

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOSY HRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742	CURLINGTON INTL VT									74-	81									h	4 4
STATION				51	TATION N	AME	-							YE	ARS					MON	ТН
																	P	AGE	1	0600	-u8u1
																				HOURS IL	. S. T.
Temp.						WET	BULB	TEMPER	RATURE	DEPRE	SSION	(F)					TOT	AL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	, 31 D.B. Y	V.B. Dr	y Bulb	Wet Bulb	Dew Poin
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42/ 41		• 3	• 4		• 1		İ					i		1		<u> </u>		3	8	25	10
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36/ 35	1.7	4 . C	• 8			i								1		į		5 7	50	56	16
34/ 33	2 • 2	5.2	1.9					L										72	72	71	51
327 31	1.7	6.0	1.3	• 4												1	i	71	71	59	86
31 / 29	1.7	2.8	1.5				<u> </u>		L	ļ	L	ļ						46	46	66	49
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21/ 25	1.1	3.5	1.7				<u> </u>	<u> </u>			ļ			ļ				48	48	46	44
24/ 23	• 4	2.6	1.5	1					1	l					1			34	34	36	٤2
22/ 21	• 9	3.0	• 8	<u> </u>		<u> </u>	ļ	ļ	<u> </u>	↓				<u> </u>				35	35	52	36
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Element (X)		~X.		 	z _X	-+	X	" *		No. Ob	15.		-	- 32 6			s with Tem			٠.	
Dry Bulb				 				+-	+			= 0 1	-	≤ 32 F	≥ 67 F	- 73	F + 8	<u> </u>	◆ 93 F	- - '	otal
Wet Bulb				 									+		 					-	
Dew Point				 					+		-				 	+					
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GLOBAL CLINATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

14742 STATION	BURLINGTON INTL VT	74-61	YE ARS		MAS
				PAGE Z	0600-0800

Temp.						WET	BULB	TEMPE	RATUR	E DEPRE	SSION (F)			_		TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	6 17 - 18	19 - 20	21 - 22 23	3 - 24 25	- 26 27	- 28 29 -	30 ≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poin
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Element (X)		ZX,			ZX		X	٠,		No. Ob	4.			N	lean No. c	f Hours wi	th Temperat	ure.		
Rel. Hum.		434	4944		557	20	74.9			7	44	= 0 F	≤ 3	2 F	≥ 67 F	≥ 73 F	≥ 80 F	a 93 l	FT	otal
Dry Bulb			9742		208		28.1	12.3	37	7	44	2.	5 51	7.6			1			5 3
Wer Bulb			9672		194	12	26.1	11.7	65		44	2.	0 6	3.8			 	1 -		5 3
Dew Point			U669		154		27.7	14.2	146		44	9.	7	5.9			+	+	-+-	43

FETAC FORM O.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71 0-26-3 (OL A)

GLERAL CLIMATOLOGY SRANCH USAFETAC AIF WEATHER SERVICE/MAC

BURLINGTON INTL VT

14742

PSYCHROMETRIC SUMMARY

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STATION				5	TATION N	AME								YEARS				MONT	н
																PAGE	1	7976-	
																		HOURS IL.	5. 1
Temp.							BULB									TOTAL	_	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 23	- 24 25 - 2	6 27 - 28 29	- 30 2 31	D.B. W.B.	ry Bulb	Wet Bulb De	ew F
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4.7 45		• 5							i	ļ			į			16	16	12	
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41.7 39	• 1	3.1	2.8	.7	• 1	1	i			1	ļ			1	i	51	51	28	
39/ 37	1.5	3.8	1.5	• 5	• 3	-				1				 		56	56	5.8	
36/ 35	1.3	1	2.8	• 5	. 1	1	1			i			i		1	60	50	64	
34/ 33	.7	5.0	2.7				<u> </u>			$\overline{}$	-					67	67	63	
72/ 31	• 5	2.3	2.3	.8	.4						-	[47	47	أناح	
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Element (X)		ZX,			Σχ		¥	" A		No. Ot				M Yo.	of Hours wi	th Temperatu	re		
Rel. Hum.												± 0 F	: 32 F	≥ 67 F	≥ 73 F	≥ 80 F	∗ 93 F	To	tal
Dry Bulb																			
Wet Bulb																			
Dew Point													1		T		T		

74-01

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

HOURS IL. S. T. Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 11 1 19 D 13 -:/ -3 • 1 1 ----:/ -9 4 -1[/-11 3 -1:/-13 TOTAL 7.339.134.911.6 3.8 1.9 744 ZX Element (X) No. Obs. **₽**R_ Mean No. of Hours with Temperature Rel. Hum. 3796800 51590 69.317.187 744 ≥ 67 F = 73 F = 80 F = 93 F s 32 F 10F Total 895763 24267 32.611.845 Dry Bulb 744 44.5 Wet Bulb 22050 29.611.064 744450 744 53.1 93 Dew Point 540564 17124 23.014.039 744 68.5

GEGRAL CLIMATOLOGY ERANCH USAFETAC AIR WEATHER SERVICEZMAC

PSYCHROMETRIC SUMMAR

14742 TV JIMI MCTBMIJADE 74-31 MAG 1200-140 PAGE 1 HOURS ... S. T. Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dew Po ../ 79 767 75 74/ 73 • 1 761 69 681 67 4 16/ 65 c4/ 63 • 1 £21 61 . 1 • 1 1./ 59 • 1 • 3 • 1 5 / 57 • 1 • 1 • 1 •1 56/ • 3 15 . 7 15 15 r4/ 53 . 7 • 1 14 13 121 1.2 21 12 F / 49 . 7 19 19 12 4: / 47 16. 16 45/ 45 . 9 30 30 17 44/ 43 1.5 1.2 1.7 46 46 27 42/ 41 1.9 1.1 33, 3 3 73 41/ 39 51 • 5 1.9 1.5 F 44 3-/ 37 3.0 2.7 1.5 65 65 53 34/ 35 2.6 3.8 2.0 73 73 56 34/ 33 - 1 1.1 1.7 2.6 46 46 5.5 32/ 31 2.4 1.9 2.4 56 - 5 56 47 7./ 1.2 29 • 1 2.8 2.6 51 51 54 • 1 201 27 1.1 1.2 2.2 37 37 54 26/ 25 .3 2.2 1.1 26 26 45 • 4 24/ 23 1.1 1.5 361 22 22 22/ 21 •5 1.2 8. 20 47 21/ 19 1.3 1.1 23 23 15 17 • 3 1.6 14 14 .2 10/ 15 15 • 4 1.5 15 17 <u>•</u> 3 14/ 13 • 3 23 4 4 1:/ 11 . 1 • 1 <u>•</u> 7 ٠, Element (X) ZX No. Obs. Mean No. of Hours with Temperature Rel. Hum. 5 0 F 1 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total Dry Bulb Wet Bulb

C FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Dew Point

PSYCHROMETRIC SUMMARY

14742 STATION	ac	RLIN	GTON	INT	L VT					74-	31									MON	A P
STATION	_			5	TATION N	AME								٧E	ARS						
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Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 2	0 21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poin
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TOTAL	`•1	24.5	31.2	23.4	3.6	6.2	1.5	1.2	• 3	. 1	}			1	}				744	'	744
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Element (X)		Zgi	<u> </u>	<u> </u>	E x	L-,-	X	-	 	No. 01	<u> </u>				Mean M	0. of H		Temperati			
Rel. Hum.			6512		462	5.9	62.2				44	5 0 F	T	1 32 F	##### 67		73 F	- 80 F	• 93 F	7	etal
Dry Bulb			2905		271		36.4	11.9	20		44	1		34.9			. 4		+	_ 	93
Wer Bulb			2290	 	238	96	32.1	10.6	83		44	 	+	47.5	<u> </u>	+		 	1		47
Dew Point			9470	<u> </u>	176		23.7				44	5.		66.6		_+-			 		43
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GLOPAL CLIMATOLDBY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THIS FORM ARE OBSOLETE 0.26.3 108 NO. BELBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-61 MAR STATION MONTH PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Poin 179 77/ 71 7.7 69 • 3 6 • 1 • 3 6 / 67 • 1 5 5 EET 65 2 . 1 641 63 5 5! 61 8 6 t./ 59 10 10 587 57 •1 . 4 11 11 . 7 56/ 55 . 1 • 1 8 • 1 8 8 547 53 . 4 25 25 • 5 1.5 12 52/ 51 14 14 13 5.7 49 • 3 13 10 • 1 • 1 4 1 47 . 7 • 8 . 9 30 30 23 37 45 . 4 401 1.5 1.1 . 8 37 23 8 1.5 • 3 44/ 43 . 8 1.5 1.3 43 40 27 4./ 41 • 8 2.0 1.1 • ₿ 38 38 33 23 46/ 39 2.3 2.3 53 2.8 . 4 € 31 34 3:1 37 1.9 1.9 1.3 55 ÷ 5 69 1.9 36/ 35 1.5 2.8 54 47 54 2.3 34/ 1.9 33 1.6 5 & 58 52 43 1.6 2.4 327 31 2 . :) 63 63 £ 2 40 3.0 1.7 31/ 20 47 56 2.0 50 50 . 7 27 251 • 3 1.2 28 28 1.7 25/ 25 . 3 1.2 29 29 57 45 32 35 25 24/ 23 . 3 15 15 1.2 42 2.3 22/ 21 . 4 28 28 26 . 7 217 19 • 1 1.3 16 25 16 10/ 17 . 7 11 11 25 3 1 16/ 15 . 7 9 9 16 14/ 13 • 5 4 16 1./ 11 1./ 7 Zx2 Element (X) ZX No. Obs. Mean No. of Hours with Temperature ± 32 F ≥ 73 F Dry Bulb

ö PREVIOUS EDITIONS Ä ಠ

> Wet Bulb Dew Point

GLESAL CLIMATGLOGY FRANCH USAFETAC AIL WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION	BURLINGTON INTL VT STATION NAME									74-	- 81				YEAR	5				- 	ri	A -?
																			PAGE	2	1500 HOURS	-17c
Temp.		WET BULB T								DEPR	ESSION	(F)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 2	2 23 -	24 25 -	26 27	- 28 29	- 30	× 31	D.B. W.B. D	ry Bulb	Wet Bulb	Dew Po
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TOTAL	5.013.431.221.913.3 7.4 2.2							1.6		7	3 • 1	l							<u> </u>	744	1	74
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Element (X)		Z _K 2	<u> </u>		ZX		X			No. O	bs.	 			N	leon No.	of H	ours with	Temperatu	14		
Rel. Hum.			2401		44]	13	59.3	16.9	52		744	± 0	F	≤ 32 (≥ 67 F		73 F	≥ 80 F	• 93	F	Total
Dry Bulb			1207		277	95	37.4	11.7	64		744			32.		1.0	2	. 4	. 4			9 9 9
Wet Bulb			3967		241	73	32.5	10.2	3 ن		744			47.			L					- 5
Dew Paint		53	6556	1	173	106	23.3	313.4	42		744	1 7	5 . 4	68	4				_	l	- 1	9

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUPAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

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STATION				ST	ATION N	AME								76	ARS					MON	
																		PACC	. 1	HOURS	
Temp.						WET	BULB	TEMPE	RATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
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Dry Bulb									\perp								\Box		ļ		
Wet Bulb								<u> </u>				<u> </u>							 		
Dew Point	L			L				<u></u>				L			L				L		

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUFAL CLIMATGLO, Y ARANCH USAFETAC AIR REATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

14742 SUPLINGTON INTL VT 74-81 MAN MONTH

STATION STATION NAME PAGE 7 1600-2000 HOURS ILL S. T. ...

																		_		HOURS	. s. t.
Temp.						WET	BULB	TEMPER	RATURE	DEPRE	SSION (I	=)						TOTAL		TOTAL	
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Element (X)		ZXI		-	Z X		X	-		No. Ob	e.				Mean No	of H	ours wit	h Tempuret	ure		
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Dry Bulb			7171		254		34.3				44			1.5		6	. 1	+			
Wet Bulb			5021		22t		3C.4	10.2	68		44			3.5		_		1	1		-
Dew Point			1974		165		22.3	13.4	07		44	6.		3.1		- +					,

SECHAL CLIMATOLOGY BRANCH USAFETAC ATH MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-31 MAD STATION STATION NAME YEARS MONTH PAGE 1 2100-2360 HOURS (L. S. T. WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 21 D.B. W.B. Dry Bulb | Wer Bulb | Dew Point • 1 • 1 62/ 61 3 3 607 59 δ 56/ 57 . 1 1 55 5.7 • 4 • 1 12 12 6 1 547 53 Oi 51 15 15 7 1 49 11 11 10 45/ 47 • 5 11 11 11 46/ 45 • 9 • 9 23 23 9 1:4/ 43 • 1 24 24 27 1 42/ 41 22 1.2 • 1 20 201 16 4.7 39 1.1 25 1.7 44 13 44 3 / 37 1.9 1.3 40 27 12 40 36/ 35 • 8 3.4 2.6 • 8 5 u 56 35 ź 9 34/ 33 5 . 5 2.4 72 72 77 35 321 31 1.2 5 . 5 1.5 1.1 • 1 70 70 78 **54** • 7 30/ 29 2.6 2.6 1.5 56 56 65 46 27 1.9 2.8 . 7 36 4 44 66 24/ 25 . 1 2.4 1.6 39 39 52 47 24/ 23 1.1 2.7 3.0 36 36 47 22/ 21 3.0 1.5 3.3 33 33 34 2.1 17 1.2 1.6 25 25 44 32 1:/ 17 1.2 2.0 24 30 9 16/ 15 1.6 19 19 16 13 14/ 13 1.1 13 26 32 12/ 11 . 4 1.2 12 22 3 3 . 7 1(/ . 1 7 • 1 7 10 • 3 5 26 5 4 • 1 • 3 4/ 3 3 13 5 LI -1 6 - 3 . 1 Z x' Mean No. of Hours with Temperature Rel. Hum. 10 F ≤ 32 F Total Dry Bulb Wet Bulb Dew Point

PREVIOUS EDITIONS OF THIS FORM ARE UBSOLETE ٥ ٧ 0.26-3 P. NO.

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOUY BRANCH USAFETAC AIF WEATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

14742 SUBLINGTON INTL VT 74-81 MAR
STATION STATION NAME VEARS MONTH

PAGE 2 2103-2300 Hours (c. s. t.)

Temp.						WET	BULB	TEMPE	RATUR	E DEPRI	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 . 2	3 . 4	5 - 6	7 . 8	9 - 10	11 . 12	13 . 14	15 . 14	17 - 18	19 . 20	21 . 22	23 . 2	4 25 . 2	6 27 - 2	8 29 . 30	* 31	D.B. W.B	Dry Bulb	Wet Bulk	Dew Poir
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Element (X)		Zx'		 	ZX		X	•,		No. O	bs.	<u> </u>			Mean	No. of H	ours wi	h Temper	ture		
Rel. Hum.			0138		510	54	68.6	17.0	79		44	± 0 l	F	± 32 F			≥ 73 F	- 80 F		F	Total
Dry Bulb		84	5 320	1	235		31.7	11.5	28		44			49.		• 3		1	 		93
Wer Bulb			98 17		213	47	28.7	10.8	40		44		• 6	50.				 	+-		93
Dew Point			5158		162	7.5	21.9	17.4	96		44		• 3	74.5		+-		+			9 3

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLEPAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

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Temp.						WET	BULB T	EMPER	RATURE	DEPRE	SSION (F)					TOTAL	~ -	TOTAL	
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Dew Point				L			l		L_							<u> </u>				

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATMER SERVICE/MAC

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C	Topa						WET	RULB	TEMPER	ATURE	DEPRE	SSION	E)						TOTAL			
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GLUBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

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STATION NAME HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb, Wet Bulb Dew Point 72/ 71 71/ 69 6 / 67 2 FE/ 65 15 15, • 1 64/ 63 8 8 427 61 6 6 4.[/ • 1 13 5-/ 57 7 • 1 7 5c/ 55 9 6 °4/ 53 19 . 4 . 1 18 6 f2/ 51 • 3 1.5 22 10 • 1 22 10 51/ 49 24 24 . 6 . 1 32 1 è 4-/ 47 1.7 35 35 19 13 46/ 45 25 1 • 0₁ 1.3 • 6 25 34 16 44/ 43 • 4 2.1 1.9 1.3 41 30 26 41 42/ 41 2.8 1.9 3.1 66 66 42 41/ 39 1.5 1.9 54 4.0 • 8 3.5 63 63 31 / 37 55 . 8 1.7 3.6 1.5 55 51 45 361 35 1.7 2.4 1.4 • 1 43 43 47 38 34/ 33 2.9 3.8 1.1 64 64 62 33 32/ 31 4.3 3.1 1.0 1.0 67 67 64 63 2.5 3.1 43 43 65 62 21/ 27 2.9 1.9 37 39 • 6 58 51 26/ 25 24/ 23 1.0 2.1 22 22 47 5ε 25 20 22/ 21 12 45 1.0 13 21/ 19 48 16/ 17 16/ 15 12 14/ 13 15 12/ 11 11/ 9 11 ZX Zı, Element (X) X • No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥ 67 F ≥ 73 F = 0 F ≤ 32 F - 80 F - 93 F Total Dry Bulb Wet Bulb Dew Point

74-61

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GLCBAL CLIMATOLOGY ERANCH USAFETAC AIR WEATHER SERVICEZMAC

14742 STATION	<u>=!!</u>	RLIN	GTON	INT	LVT					74-	61									A	Р? 17н — —
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Element (X)		Zx'			ZX		X	**		No. Ol					Mean N	o. of H	ours wit	h Tempera	ture		
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Wet Suib			5545		260	33	36.2	9.1	92		20			35.4		$_{\perp}\Gamma$					90 90
Dew Point		76	3396		221	94	30.8	10.5	33	7	20			54.3		- T					9.5

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SEUPAE CEIMATOLOGY EPANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

 14742
 SURLINGTON INTL VT
 74-61
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 STATION
 STATION NAME
 YEARS
 MONTH

 PAGE 1
 0300-0500

																			HOURS (L.	5. T.
Temp.										DEPRE							TOTAL		TOTAL	
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TAC FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GERBAL CEIMATOLOUY DRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742	SURLINGTON INTE VI	74-81	APS
STATION	STATION NAME	YEARS	MONTH
			PAGE 2 0300-0500

9309-0500 HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point TOTAL 1:0141013100 906 206 303 105 04 720 720 720 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 4201365 53893 74.915.259 720 10 F 1 32 F ≥ 67 F ≥ 73 F ≥ 80 F ● 93 F 38.010.464 35.0 9.386 30.110.703 27341 .4 1116971 32.€ Dry Bulb 720 Wet Bulb 946137 25211 720 40.5 736079 21695 Dew Point 720 55.1

GLORAL CLIMATOLOGY RANCH USAFLTAC AIF WEATHER SERVICE/MAC

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4742 SCREINGTON INTE VT 14742 (F) 11 TETAL

BLEPAL CLIMATOLOGY PRANCH

ATE WEATHER SERVICE/MAC

USAFETAC

THIS FORM ARE OBSOLETE

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PREVIOUS EDITIONS

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PSYCHROMETRIC SUMMARY

APS 74-81 MONTH YEARS 0600-0860 HOURS L. S. TO PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 4.139.329.413.1 4.2 4.0 1.5 ZX ZX No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 4095094 53160 73.815.382 720 ≤ 32 F ≥ 67 F ≈ 73 F # 93 F 1 0 F 1223723 287 9 39.910.482 22.4 720 Dry Bulb . 8 1030870 26384 36.6 9.438 720 32.1 Wet Bulb 90 22767 Dew Point 803459 31.610.780 720 49.6

GERRAL CLIMATOLOGY TRANCH
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ALC MEATHER SERVICIZMAC

14742 EUFLINGTON INTL VT
STATION STATION N

PSYCHROMETRIC SUMMARY

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FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLCCAL CLIMATOLOUM BRANCH USAFETAC AIF WEATHER SERVICE/MAC

4742	<u> </u>	: <u> </u>	10101	5	TATION A	IAME				74-	<u>• 1</u>			ARS					- A	P -
																	PAGE	5	0900 HOURS	-11
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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fement (X)		Zx2	<u> </u>	 	ZX	└ -	X	•,	L	No. Ob				Maga No	Ma		h Temperatus		<u> </u>	<u> </u>
Rel. Hum.			6626	 -		4٤ 2		18.5			27	2 0 F	± 32 F	≥ 67 I		73 F	≥ 80 F	* 93	F	Total
Dry Bulb			11469		330			11.3			20		9.3			1.3			+	5
Wet Bulb			35958		290		40.4	9.4	13		20		20.5		-		 	 	-+-	<u>`</u>
Dew Point			9836		235			11.0			20		46.5		-+		 	 		9

SLUBAL CLIMATOLOGY BRANCH
USAFETAC
AIF REATHER SERVICE/MAC

14742 SURLINGTON INTL VT

STATION STATION NA

PSYCHROMETRIC SUMMARY

AFF 74-61 MONTH STATION NAME PAGE 1 1250-1463 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 0 / 89 1 • 1 681 87 FE/ 85 • 1 • 1 F27 81 2 5(1 79 3 • 1 76/ 75 . 1 . 1 6 6 74/ 73 761 71 • 1 19 19 7:1 69 • 1 16 16 • 1 . 4 5:/ 67 • 1 • 6 11 11 • 3 66/ 65 • 3 • 1 13 13 • 3 • 1 • 3 4/ 63 27 . 7 27 . 1 1.3 1.5 62/ 61 • 6 42 42 6 1.3 61/ 59 . 6 ج و 29 29 55/ 57 30 30 10 .8 • 3 54/ 55 . 7 • 1 • 6 1.3 22 22 24 54/ 53 . 8 • 1 1.0 1.0 341 34 • 6 2/ 51 1.9 48 48 26 17 1.3 1.1 • 3 5. / 4 / 34 51 10 1.1 34 . 7 1.0 • 3 46/ 47 1.0 1.5 46 44 19 1.1 1.3 1.3 46 22 4c/ 45 1.4 1.7 2.4 1.3 1.7 65 65 30 44/ 43 1.7 2.2 48 48 67 1.4 . 1 • 6 44 42/ 41 43 43 74 41 1.8 1.1 • 1.7 • 6 2.4 49/ 39 1.7 1.0 44 44 58 36 38/ 37 29 29 55 46 . 6 1.3 1.4 • 7 34/ 35 1.1 16 16 34 _ 3 <u>- 0</u> 45 34/ 33 • 1 1.3 23 20 38 32/ 31 1.0 1.1 1.1 26 26 62 • 1 45 30/ 29 .4 • 3 1.4 23 23 25 • 6 27 201 • 1 5 5 25 44 26/ 25 21 33 6 6 24/ 23 6 57 22/ 21 26/ 19 45 No. Obs. Mean No. of Hours with Temperature Element (X) 2 0 F ± 32 F ≥ 67 F ≥ 73 F - 80 F Total Dry Bulb Wet Bulb Dew Point

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE

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Dew Peint

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GLUMAL CLIMATOLOGY BRANCH USAFETAC AIR NEATHER SERVICE/MAC

847001

PSYCHROMETRIC SUMMARY

14742 EURLINGTON INTL VT 74-81 PAGE ? 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 1 / 17 24 1c/ 15 14 14/ 13 11/ 11 16 13 1./ t. / 4/ T (TAL 2.214.212.517.415.412.5 9.4 8.9 3.3 2.2 1.3 • 3 ₹_A Element (X) ¥ No. Obs. Mean No. of Hours with Temperature 2496734 39698 55.120.493 720 10F ± 32 F 267 F 273 F 280 F 293 F 49.712.252 720 Dry Bulb 1884897 35769 ÝC 7.5 8.8 3.0 1.3 90 90 1343231 30351 42.2 9.421 14.6 Wet Bulb 725

32.411.289

23321

GLCFAL CLIMATOLOGY RRANCH US#FETAC AIF WEATHER SERVICE/MAC

FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-61
STATION STATION NAME YEARS
PAGE 1 15CU-17UC HOURS (L.S. T.)

Torre						WET	BUL R 1	FMPFP	ATURE	DEPP	SSION (E۱						TOTAL		TOTAL	
Temp.	0	1 - 2	3 - 4	5 - 6	7.0								22 24	25 24	27 20	20 2	0. 531	D.B. W.B.	Des Bulls		Daw Pausi
21/89	-	1 - 2	3 - 4	3.0	1.0	7 - 10	11 - 12	13 - 14	13 . 18	17 - 18	17 - 20	21 - 22	• 3		27 - 28	27 . 3	V: 231	2	2.7 0010		DEM LOWI
58/ 87					}	1							. 1		1		1	2	2]
967 85											 	• 1	-:1		-	-		2			
82/ 81				1	- 1			• 3		.1	. 4	• •	•	1		1		6.	6	; !	. 1
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78/ 77	į				İ			. 3		"	.1	[}		}	1	3:	3	I	· [
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74/ 73	}				ļ	• 3	. 1	• 1	. 4	:				1				13	13		. 1
727 71					. 6	• 3	• 1	1.0	• 1		- 4			+	 	-		23	23		
71/ 69				. 1	• 1	. 1	. 4	• 1	-	.6)	}		1		i		10	10	1	1
66/ 67				. 3		.4	• 1		• 3	• 6		}		+	 	 	+	12	12		
56/ 65	Ì	• 1	• 3		. 1	. 3	. 1	• 1	.7	.6	1 -			1		1		18	18		[
64/ 63					• 3	• 1	1.0		• 3		1			 	 	-	+	25	25		
62/ 61]			. 4	. 4	. 7	. 1	1.9			1	ļ		1				36	36	1	2
60/ 59		• 3	. 4	. 7		• 3	1.4	1.4	• 7					 	1	 		37	37		9
58/ 57			. 3	İ	. 4	• 3	1.3	1.1	. 8	1	1			1	1			32	32	24	5
56/ 55		• 1	1.0	. 8	. 1	. 4	.7	• 8				i					1	29	29		
£4/ 53	- 1	.7	. 4	. 7	. 8	1.1	1.3	1.1	. 1	[ĺ	1	ĺ	-	44	44	27	9
52/ 51		• 3	. 7	. 4	- 4	1.7	1.1	• 4	• 1								1	37	37	35	17
56/ 49	ļ	1.3	• 3	. 4	1.9	1.9	• 6										1	46	46	37	27
48/ 47		1.0	1.5	1.7	1.8	1.1	• 4	• 1							1			50	53	52	20
41/ 45		1.5	. 7	1.1	1.0	1.9	_ 6			l					L	<u> </u>	1	49	49	Ĺ	22
44/ 43		1.8	- 4	2 • 2	• 8	1.0	. 4											48	48	72	20
42/ 41		1.4	1.3	• 6	1.0	1.4			Ĺ	!	Ĺ	[l		Ì	1	40	40		36
41./ 39	• 3	1.3	1.9	7	1.3	• 6		}]		41	41	76	28
36/ 37	• 1	• 3		• 7	1.8	• 3				L						<u> </u>		23	23	56	35
36/ 35		• 4	• 3	• 7	1.0						[1	I			17	17	32	34
34/ 33	. 1	1.5	• 3	1.0	• 6					L				1		L	1	25	25		5 C
32/ 31	• 3	. 8	1.3		• 1												-	18	18	36	84
36/ 29	• 3	• 4	. 4	• 1	<u> </u>					L	L			<u> </u>	<u> </u>	L		9	9	36	44
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26/ 25	• 1	• 1	• 6								L	L			ļ	<u> </u>	1	6	6		41
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22/ 21		بـــــــا								L			L	<u> </u>	<u> </u>			<u> </u>		3	36
Element (X)		Z _X 1			Z X		X	" *	$-\!$	No. Ol	18.							h Temperat			
Rel. Hum.				L				ļ				= 0	F	≤ 32 F	2 67	F	≠ 73 F	▶ 80 F	- 93	F	Total
Dry Bulb								<u> </u>	$-\!$						↓			ļ	·		
Wet Bulb								L							 	\rightarrow			J		
Dew Point						L_			!_						1			1	1	l	

GLORAL CLIMATOLOGY BRANCH
USAFETAC
AIF REATHER SERVICE/MAC

14742 SUPLINGTON INTL VT
STATION NA

PSYCHROMETRIC SUMMARY

APR

1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 24/ 19 33 14/ 15 28 14/ 13 12/ 11 24 1 1 1 1.613.812.911.914.414.2 9.310.4 4.2 4.6 1.5 TOTAL 720 ZX Mean No. of Hours with Temperature No. Obs. Element (X) Zx, Rel. Hum. 2329294 37928 52.721.467 720 ≤ 32 F ≥ 67 F ≥ 73 F 5 0 F 50.812.388 9.9 1.9 Dry Bulb 1967992 36572 720 5.5 4 . 3 720 Wet Buib 1371389 30685 42.6 9.387 14.4 90 Dew Point 831926 22996 31.911.643 720 49.9 90

74-81

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION INTL VT AP 5 74-81 STATION PAGE 1

1600-2900

Temp.		_					BULB 1										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 ≥ 31	D.B. W.B.	bry Bulb 1	Vet Bulb C	Dew Po
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92/ A1			ì								• 3	3	1	ĺ	1	1	2	2	í	
967 79										• 1		1					1	1		
70/ 77		i_	1						• 4	• 1		i	<u> </u>	ł	1		4	4	i	
76/ 75							• 1				• 1			Ī		1	2	2		
74/ 73		<u> </u>	l				• 1	. 4			l	}	_	1		1	4	4	1	
72/ 71							• 1	• 1	• 3					Ī			4	4		
76/ 69					• 1	• 6		• 3		• 1	<u> </u>	<u></u>					12	12		
66/ 67		-		• 1	• 4	• 3	- 4		• 9								15	15	Ţ	
66/ 65		• 3	• 4		• 4	• 1		• 1	• 6		i	İ					14	14	1	
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2/ 61		• 1		• 1			. 4					L	<u> </u>				12	12	16	
51 / 59		• 3	• 3	• 4	• 1	• 3	1 • 4	• 8	• 4	_		1	1		i 1		29	29	10	
58/ 57		• 1	- 6	• 4	• 4	1.0	9•	8•				1					30	30	18	
56/ 55		• 3		• 4	- 4			• 7				1		ł	1 1	í	34	34	10	
4/ 53		1.1	1.1	- 1	• 1	• 8	1.1	• 1				ļ					33	33	15	1
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56/ 49		1.0		1.0		1.1	• 7	• 1			i	↓	<u> </u>				4 3	43	34	
45/ 47	• 1	, ,	8.	. 7	2.6		• 1				,)	j]			47	47	46	1
46/ 45	• 1					1.9	• 1				<u> </u>	↓	ļ				51	51	41	
44/ 43		3.1	. 7	1.5	2.2	• 6	• 1									-	59	59	49	1
42/ 41		2.1	1.8								<u> </u>	↓	_	<u> </u>	 -		6.8	68	6.8	
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36/ 37 36/ 35		- 1	• 7	1.3		• 1							-	-			24	24	74 5 G	- 4
34/ 33	,	. 1	• 1	1.7	1.8						İ		l	!			33	- 1		3
2/ 31	• 7			1.8	• 8						<u> </u>	 -	 		 		26	33 26	29 39	
30/ 29	• 3	1		1.4									1				12		40	
26/ 27	• 1		• 6 • 4									 			+		13	12	36	
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22/ 21	• •]												1	1		اد ا	ر	5	2
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2/ 17			[ĺ		[1		1		
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ew Point						+			\dashv				_		 -	 	+	 		
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FORM 0. 26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

; 1 GLOBAL CLIMATOLOUY PRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BIJELINGTON INTL VT 74-01
STATION STATION NAME
PAGE 2 1800-2000 Hours ILL S. T.

Temp.						WET	BULB	TEMPER	ATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1.2	3.4	5.6	7.8								23 . 24	25 . 24	27 . 29	29 . 30		D.B. W.B.	Dry Bulb		Dew Po
11/ 15		-	 	1	7.0	7 - 10	1	10 - 10	1.5	17	17.		13.11	23 - 25	17.10	1 2	1	i 		1	2
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5/ 7				 	 		 			 	├		 	 			-	 -		 	
1/ 5		ļ	1	ļ		ļ]]			1	1		i	1	;	 !		i	
4/ 3		 -	├	 	 		 			 -	 	 	 	 			 -	 			
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Rei. Hum.			6931		-x 417	67	58.0				20	≤ 0	F	≤ 32 F	≥ 67		≥ 73 F	> 80 F	≥ 93	F	Total
Dry Bulb		169	0233	1	339	61	47.2	11.0	84		20		\vdash	7.6		•6	1.6			· +	9
Wet Bulb		124	8025	+	292	51	40.6	9.1	20		20			18.6		~~			+	- 	9
Dew Point		41	2373	 	227	- 11	31.6	11.4	40		20		-+	52.6		-+			 		9
		_ J			6 5 1	7 4	2100	- 4 - 7	701	<u>_</u>				22.00							

ULCHAL CLIMATULOGY BRANCH **JSAFETAC** AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4742 STATION STATION NAME APT. 74-81 2100-2360 PAGE 1

Temp.						WET	BULB T	EMPER	ATURE	DEPRE	SSION (F)				TOTAL	Ť	OTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 + 31	D.B. W.B.	ry Bulb We	+ Bulb	Dew
76/ 75								• 1	• 1					i		2	2		
74/ 73							i	• 4					Ì	1 1		3	3-		
72/ 71							• 1	• 1						1			2		
7: / 69			ĺ				• 1	• 1	• 1	1 1	i					3	3	i	
62/ 67					• 1	• 1		1	• 3							4	4		
66/ 65			• 1	- 4		• 3	• 1	- 4	• 1					ì		17	17	1	
647 63				. 4			. 4	• 3	• 3		-			1		10	10	1	
12/ 61			• 1	د .		• 1	• 1	• 1								6	6	4	
EL / 59		. 4	• 4											,		6	6	12	
58/ 57		• 1	• 1	• 3	• 3	• 3	• 3									1 J _i	10	13	
50/ 55		.7	1.0	• 1	. 7	• 6	• 6	-		l i						26	26	7	
54/ 53	• 1		• 3		• 1	• 3	. 4							1		15	15	16	
527 51	• 1	1.9	• 6		• 7	1.1	1	1								4.5	40	22	
5L/ 49	• 1		1.1	1.3	1.0	.7										3.8	38	26	
46/ 47	- 3		1.0	• 4	1.7	1.0		ļ		.						42	42	25	
46/ 45		1.3	2 • 1	2.5	. 4	. 4				 						4.8	48	35	
44/ 43	• 1	, ,	• 4	1 - 1	• 3			1					:			36	38	39	
42/ 41	• 7				• 4	• 1	- 3									75	78	58	
4.7 39	. 4		3.8					ļ								8.5	8.5	61	
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GLUPAL CLIMATOLDBY BRANCH USAFETAC ATH MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION STATION AME 74-01 2106-2360 HOURS (L. S. T.) PAGE I WET BULB TEMPERATURE DEPRESSION (F) TOTAL

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Dew Point			1437		225			10.7			23			52.4		-+-					(

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GECRAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742	SURLINGTON INTL VT	74-01		AF
STATION	STATION NAME	YE ARS		W04*H
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				HOURS 5. 1.

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14742 STATION STATION NA

PSYCHROMETRIC SUMMARY

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STATION				ST	TATION N	AME								YE	AR5					MON	y*H
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Dew Point			6007		1818		31.6				60			06.9					+		720

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC FORM O. 26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUMAE CEIMATOLOGY WMANCH USAFETAC AIH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

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Dry Bulb			7177		385			9.4			44			1.3	5 . 8					
Wer Bulb			2793		356			8.3			44			2.9	• 3					
Dew Point		147	5910		324	77	43.7	10.1	46	7	44			13.5						

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLVEAL CLIMATOLOUY HEAVICH USAFETAR AIN BEATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

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STATION				57	TATION NA	AME							YE	ARS				MON	*#
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Temp.						WET	BIII B	TEMPER	ATIIDE	DEPRES	SION (E	3				TOTAL		TOTAL	
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GLUSAL CLIMATOLUGY FRA CH USAFETAC AIN SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1 Color Figure PAGE 1 Color Figure PAGE 1 PAG	MAY
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lement (X) Z _X ² Z _X X No. Obs. Mean No. of Hours with Temperature	
el. Hum. = 0 F = 32 F = 67 F = 73 F = 80 F = 93 F	Total
ry Bulb	

SECHAL CLIMATOLOUY FRANCH USAFETAC AIF WEATHER SERVICE/MAC

14742

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

2.0

≥ 67 F

9.3

2.3

• 5

MAY

93

BURLINGTON INTL VT STATION MONTH PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 7 31 • 3 2 7 • 7 18 • 8 1 3 • 2 5 • 6 2 • 0 • 5 • 1 7 44 7 44 (F) TOTAL 744

No. Obs.

744

744

744

744

± 0 F

1 32 F

1.5

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74.314.447 54.0 9.544

49.7 6.835

45.510.129

55267

40160

36993

33864

74-31

THIS FORM ARE OBSOLETE ŏ EDITIONS PREVIOUS ₹ ಠ ó

Element (X)

Dry Bulb

Wet Bulb

Dew Point

Žy,

4266497

2237620

1896955

1617593

SECRAL CLIMATOLOGY TRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT STATION STATION NAME

74-61

YEARS

MAY MONTH

PAGE 1

0900-1160

Temp.	-			_		WET	BULB 1	EMPER	ATURE	DEPRI	ESSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb		Dew P
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ry Bulb													+	- 32 1		` 		- 50 -	 - '''		
er Bulb						+			\dashv						 			 	+ -	- -	
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FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

SURLINGTON INTL VT 14742 74-81 MAY YEARS PAGE 2 0900-1160 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 # 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 14/ 13 1./ 11 • 3 TOTAL 9.713.214.717.516.314.5 9.4 3.8 744 744 744 - · <u>*</u> Element (X) Zx ZX Ŧ No. Obs. Mean No. of Hours with Temperature 59.216.861 61.210.311 2822533 44077 744 ≥ 67 F ≥ 73 F ≥ 80 F • 93 F Rel. Hum. 4 0 F ± 32 F 2867714 45550 28.9 12.9 Dry Bulb 744 4.3 • B 2167720 39628 53.3 8.758 744 7.9 • 3 Wet Bulb Dew Point 1651960 34112 45.810.879 744 12.5 • 9

0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

PREVIOUS EDITIONS OF THIS FORM

FORM 0-26-3 (OL A)

Dew Point

PSYCHROMETRIC SUMMARY

Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 -	30 ≥ 31	D.B. W.B. [ory Bulb	Wet Bulb	Dew Poin
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74/ 73					.4	• 9	• 5	1.9	• 3	1.1	• 3	• 1			T - T	i	1	40	40	5	
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Dry Bulb															T _						
Wet Bulb									\neg						T			T	1		

Dew Point

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1591297

33391

PSYCHROMETRIC SUMMARY

14742 STATION BURLINGTON INTL VT 74-61 MAY MONTH PAGE 2 1200-1460 HOURS 14. 5. T.1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 a 31 D.B. W.S. Dry Bulb Wer Bulb Dew Paint (F) 26/ 25 9 22/ 21 2 2./ 19 5 18/ 17 1 14/ 13 12/ 11 1 ·4 6.9 7.1 8.9 8.6 12.6 14.2 14.5 13.2 6.7 4.4 2.D TOTAL 744 744 744 744 Element (X) No. Obs. Mean No. of Hours with Temperature 744 Rel. Hum. 37429 ≥ 67 F = 73 F = 80 F = 93 F 2142681 50.318.696 10 F ≤ 32 F 48798 65-611-478 43.4 Dry Bulb 3298476 744 28.5 10.9 93 54.7 8.698 44.911.170 • 5 Wet Bulb 2284650 40718 744 9.1 •6

744

15.8

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TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 DURLINGTON INTL VT 74-81 MAY
STATION STATION NAME PACE 1 15:0-17-0
HOURS (L. S. T.)

Temp.											SSION (TOTAL		TOTAL	
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28/ 27									└ ┯─	<u> </u>	Ц		<u> </u>	<u></u>	<u> </u>			<u> </u>	Ĺ	
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GLUPAL CLIMATOLOGY EPANCH
USAFETAC
AIR JEATHER SERVICE/MAC

14742

STATION

STATION NA

PSYCHROMETRIC SUMMARY

14742	ಕಟ	RLIN	GTON	INT	L VT					74-	81									M	AY
STATION				\$1	ATION N	AME	-							YE	AR5					MOP	¥TH
																		PAGE	?	1500	-1700
																				HOURS	S. Y.
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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Element (X)		ZX;		_	Σχ	Ή-	X	₹ PR		No. Ob	5.		<u>. </u>	1	Mean No	o of Ho	urs with	Temperatu	<u></u>		
Rel. Hum.			5209			79	48.8				44	⊴ 0	F	≤ 32 F	≥ 67 F		73 F	→ 80 F	→ 93 F	1	l'otal
Dry Bulb			4810		491		66.0				44		` 		46.		30.1	11.5		1	93
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Dew Point			1780		328			11.0			44		_	17.6		4	• •		 		93 93
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1-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AC FORM 0-26-3 (OL A) PR

SLUPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

14742

STATION

STATION STATION NAME

PSYCHROMETRIC SUMMARY

PAGE 1

Mean No. of Hours with Temperature

MAY

1816-2033 HOURS (L. S. T.)

42

29

24

14

10

WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 78/ 87 • 1 - 1 . 1 a6/ 85 • 1 34/ 33 9 32/ 81 • 1 • 1 18 18 •1 . 1 78/ 77 • 1 14 14 76/ 75 25 • 1 25 74/ 73 27 27 72/ 71 • 5 • 3 • 8 1.1 4 49 2 . 7 • 5 1.2 • 3 • 3 76/ 69 1.2 • 8 40 • 1 . 1 40 14 6F1 67 1.1 • 3 1.5 • 8 51 51 19 ī 9. £6/ 65 1.2 1.8 1.2 58 58 28 • 9 • 9 64/ 63 • 1 1.3 45 45 38 62/ 61 45 45 37 13 FC/ 59 • 8 1.8 49 £ 8 • 1 1.6 49 58/ 57 1.2 1.3 56 1.5 • 8 1.2 56 45 . 9 5t/ 55 • 8 1.5 • 9 1.3 49 49 75 36 54/ 53 • 9 • 7 1.3 . 8 42 42 58 43 52/ 51 1.2 1.1 • 8 1.2 42 42 49 61 56/ 49 . 9 28 28 66 45/ 47 • 5 22 22 67 50 46/ 45 • 8 45 . 1 • 1 20 45 2 u 44/ 43 • 1 16 16 38 38 42/ 41 • 8 10 • 1 10 33 42 • 1 46/ 39 17 • 1 33 3:/ 37 6 6 24 36/ 35 • 1 2 2 7 46 33 34/

No. Obs.

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≤ 32 F

74-81

ORM 0-26-3 (OL A) PREVIOUS EDITIONS OF

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32/ 31

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ZX

12/ 21

Rel. Hum.

Dry Bulb Wet Bulb

Dew Point

GEGRAL CEINATOLDGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 EGREINGTON INTE VT 74-81 MAY

STATION STATION NAME PAGE ? 1400-2000 HOURS (LIS, T.)

																			HOURS (L	3, 1,
Temp.						WET	BULB .	TEMPER	RATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 2	7 - 28 29	- 30 + 31	D.B. W.B.	Dry Bulb	Wer Bulb	Dew Po
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Element (X)		ΣX,			ZX		¥	•4		No. Ob					Mean No.	of Hours w	th Tempera	ure		
Rel. Hum.			3987		417		56.2				42	# 0 F	≤ 32	F	≥ 67 F	≥ 73 F	→ 80 F	e 93	F 1	Patal
Dry Bulb		288	7510		456	42	61.5	10.3	89	7	42				30.8	13.	3 4.	3		9
Wer Bulb		211	2745		391	U1	52.7	8.3	97	7	42			• 8	4.6		3			9
Dew Point		15.3	9684	1	328		44.2				42		16		. 4		T		1	7

AFETAC FORM O.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Wet Bulb Dew Point

SECPAL CLIMATOLOGY PRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-81 STATION STATION NAME PAGE 1 2100-2300 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 02/ 91 AL / 79 75/ 77 • 1 • 1 76/ 75 74/ 73 8 ક 72/ 71 9 • 3 767 69 25 25 . 7 62/ 67 1.2 • 3 . 4 37 37 12 • 3 66/ 65 .4 1.3 1.5 1.6 ÉŪ υC 13 .9 1.1 44/ 63 40 49. 38, £21 61 • 3 1.2 1.2 1.8 • 4 42 42 72 65/ 59 • 9 2.3 . 7 44 45 19 1.1 • 5 58/ 57 1.9 53 53 1.2 44 Sc/ 55 1.9 56 1.6 • 1 46 46 22 . 9 54/ 53 2. 1.6 7 C 70 55 3.4 1.1 • 1 1.8 52/ 51 2.0 1.1 • 3 5 3 53 67 47 2.0 2.6 55 56/ 49 55 1.3 • 8 67 55 46/ 47 2.6 1.3 1.1 1.1 . 3 47 47 59 59 57 46/ 45 • 8 • 8 1.9 • 8 37 37 44/ 43 1.2 5 7 **3** 3 1.6 1.2 34 34 41 42/ 41 22 23 . 7 1.1 • 5 • 7 22 • 5 40/ 39 2.3 24 33 • 1 30 36/ 37 9 Š4 3¢/ 35 . 1 2**7** 39 41 32/ 31 38 31/ 29 24 26/ 27 7 26/ 25 24/ 23 221 21 14/ 13 12/ 11 ŽX1 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. : 32 F 2 67 F 2 73 F 2 80 F 5 0 F → 93 F Total

BLOGAL BLINATOLDGY BRANCH BBAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BUPLINGTON INTL VT 14742 74-31 YEARS STATION MONTH 2100-2300 HOURS ILL S. T. ! PAGE 2 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Builb Wet Builb Dew Point (F) 1.117.925.821.314.710.1 4.9 3.2 .8 .1 TOTAL 741 741 741 Mean No. of Hours with Temperature No. Obs. Element (X) Rel. Hum. 3025539 50425 68.016.196 741 5 0 F ± 32 F ≥ 67 F ≥ 73 F - 80 F - 93 F Total 2353937 41175 55.6 9.442 741 12.0 Dry Bulb • 1 3.1 • 5 741 Wet Bulb 1907116 37064 50.0 8.480 1.0 1.6 43 32937 44.410.229 1541459 741 12.9

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AFFTAC FORM A 24 3 (C) A BBEN

GLURAL CLINATOLOGY : RANCH USAFETAC AIF WEATHER SERVICEZMAC

PSYCHROMETRIC SUMMAR

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							BULB			25005									TOTAL	
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USAFETAC FORM 0-26-3 (OL A; PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SECHAL CLIMATOLOGY BRANCH USAFITAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION	<u>60</u>	RLIN	GTON	INT	L VT					74-	원1										A Y
STATION				s.	IATION N	AME								*£	ARS			PAC	E 2		V1 4
Temp.						WET	BULB 1	EMPER	ATIIDE	DEPRI	SSION	E)						TOTAL			
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 31	D.B. W.B.	Dry Bulb	Wer Bulk	Dew Pain
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Wet Bulb			9323		3737	5 3	51.2	9.1	52	- 59				13.C	34,		1.4		4	• 3	744
Dew Point			3014		2644		44.5				47			13.6	2 (1 . 4	 	+	\rightarrow	744
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JSAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

ZX

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2660549

2347514

2132158

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14742

GLORAL CLIMATOLOGY FRANCHUSAFETAC AIF WEATHER SERVICEZMAC

BUREINGTON INTL VT

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

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≥ 67 F

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JUIL

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STATION NAME VEARS MONTH 0000<u>-0250</u> PAGE 1 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 75/ 77 3, . 1 76/ 75 747 73 26, .8 1.8 26 72/ 71 . 1 2.9 1.3 1.6 • 6 42 42 76/ 69 1.1 2.1 1.5 40 46 24 1.1 • 6 6 tc/ 67 1.1 • 7 1.4 3 . 5 . 8 61 61 35 24 5**€**/ 65 .1 2.4 2.8 1.1 53 59 1.0 . 8 59 33 £41 63 .7 3.2 3.2 1.0 67 1.1 . 1 67 66 t 1 fe/ 61 2.9 1.9 1.9 . 6 63 63 € 0 49 • 8 **.** 3 2.5 . 4 1.4 £1/ 59 3.8 76 66 66 έl 58/ 57 2.1 2.2 . 4 • 3 36 36 67 64 - 4 56/ 55 2.4 4.7 56 56 51 54/ 53 2.2 1.0 52 . 4 31 31 61 1.7 2.4 : 1 51 33 33 50 40 51/ 49 5.1 1.7 • 1 55 5.5 34 54 2.5 40/ 47 • 6 24 14 58 54 46/ 45 1.1 • 6 15 15 29 40 • 1 44/ 43 37 18 17 • 1 1.8 . 3 18 42/ 41 21 28 • 3 6 . 6 6 . 3 41/ 39 3 . 1 3 5 18 38/ 37 1 5 11 3:1 35 5 34/ 33 4 32/ 31 и TOTAL 4.236.930.713.2 9.0 5.3 720 720 720 720

No. Obs.

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5 0 F

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73-80

FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM AFF OBSOLETE

GLOVAL CLIMATOLOGY BRANCH USAFETAC AIA WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

 14742
 DCRLINGTON INTLIVT
 73-53
 JUN

 STATION
 STATION NAME
 YEARS
 MONTH

 PAGE 1
 7350-0500

																		<u>·</u>	HOURS IL.	3. T.
Temp.								TEMPER									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24 25	- 26 2	7 - 28 29	- 30 = 31	D.B. W.B.	Dry Bulb W	fet Bulb D	ew Por
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44/ 63	• 6	5.0	2.4	1.8	1.4					1	ļ		1			1	80	30	59	4.2
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61/ 59	1.5	2.5	1.5	1.3	• 6	1.0	!	ļ		ļ	}		į	į	1		57	5 7)	69)	υÉ
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-4/ 53		2.6	1.4	• 3	• 1	• 3					1			-		1	34	34	42	67
52/ 51	• 1	1.9	1.5	. 1			}					1 1	1			İ	27	27	43	4.8
5.1 49		2.6	1.7														26	26	33	40
40/ 47	. 7	6.0	• 8	. 4	• 1					1	1		1	i	1		58	58	53	45
46/ 45		3.5	• 3	. 4													30	3 C	38	49
44/ 43	• 4	2.1	• 4							}	i	1 1		İ	1		21	21	39	3 &
42/ 41	• 4	1.0	• 3	. 4						1							15	15	15	37
46/ 39	. 6	. 8					1				1		!	- 1		1	10	10	22	27
38/ 37		• 1															1	1	4	12
36/ 35	• 3						ĺ			ĺ	i	1 1	1	}			2	2	5	13
34/ 33																				3
72/ 31					i		ĺ	ĺĺ		(i	1 1		1	1	- 1		}		2
3.7 29																				2
20/ 27							[ĺ	ĺ	1 1			i				1	2
TOTAL	5.7	45.6	25.8	12.8	6.1	3.6	• 3	• 1									1	720		720
							[[[1		1 1	į		ł		720	Ì	720	
							1			1	ĺ .		[1	1 1			
							j													
				1			ļ	1			1	1 1	1		1	ĺ		1		
						<u> </u>						11								
Element (X)		Σχ²			žχ		X	€ _X		No. O	s				Mean No.	of Hours wi	th Temperat	ur e		
Rei. Hum.			8 384		593			11.7			20	: 0 F	≤ 32	F	≥ 67 F	≥ 73 F	≥ 80 F	• 93 F	To	tel
Dry Bulb		252	1533		421	31	58.5	8.8	43	7	20				16.3	2.	1			90
Wet Bulb		225	7238		398			8.1		1	2C				6.9					90
Dew Point		207	0376		381	14	52.9	8.5	67	7	20			• 8	3.5					90

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF 1: IS FORM ARE OBSOLETE

GLORAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742	BURLINGTON INTL VT	73~80		JU ₹
STATION	STATION NAME	YEARS		MONTH
			PAGE 1	965 0- 3860
				HOURS IL. S. T.1

Temp.						WET	BULB 1	TEMPER	ATUR	E DEPRE	SSION (F	•)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 + 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poin
827 31						• 1											1	1	1	j	-
8L/ 79					. 4	• 1	ļ			}	i	1				1	;	4	4	i	i
701 77			• 3	• 1	• 6	• 1	• 1			1								9	9		
76/ 75			1.0	1.1	. 3	. 1	. 1			i l	1	- 1					i	19	19	1	i
74/ 73		• 1	1.9	2.4	• 8	• 3				1-1						1		40	+0		
72/ 71		.6		1.0	1.5	. 4	. 1			1]					j	1	41	41	17	2
75/ 69		• 6	3.2	. 8	1.4	1.0	. 4	• 3									· · · · · ·	5.5	55	36	
61 67	• 1	1.3	4.0	2.4	. 7		• 1				ĺ	- 1				ĺ		6.2	52	43	
16/ 65	.7	2.6	3.3	1.9	1.3	. 4	• 3			1							1	76	76	47	45
64/ 63	. 4	2.9	2.4	2.2	1.4	. 1		• 1		1 1	- 1	}					i	69	69	80	49
62/ 61	• 3	3.9				. 4				1							 	79	79	71	63
5L/ 59	• 3	2.4				. 1		• 1		1 1		1						49	49	71	63
50/ 57		2.4		. 3			• 1			1						1		38	38	64	
5t/ 55	ļ	3.1	1.4	1.3	. 7	. 1				1 1	1	1		١ ,		į.	}	45	45	79	5.9
54/ 53	•1	1.8	1.5	1.4	• 1												 	36	36	38	65
52/ 51		2.1	1.4	• 3						1 1	1				İ	1		28	28	46	53
51/ 40	• 1	1.9	1.4	• 3	• 1											<u> </u>		28	28	35	60
48/ 47		2.2	. 4	• 3	• 1		'			1 (ĺ	į.					İ	22	22	36	53
46/ 45		1.4	• 3				1										-	12	12	31	37
44/ 43		. 4			- 3		} ;				1	1		ı İ		1	İ	5	5	12	32
42/ 41		• 1										$\neg \neg$,	1	1	1	5	23
41/ 35		• 1			, !						1			ı İ				1 1	1	2	5
38/ 37		<u> </u>																		2	13
31/ 35							1			1 {	1									•	2
34/ 37																					1
32/ 31				}))]	- }				j					2
3-/ 29																					1
22/ 27			·	·			-	[1 1	[- [İ	1	1		ł	3
OTAL	2.1	29.9	30.6	19.9	11.9	3.5	1.5	• 7		1									720		720
1					}	i			i	} }		1			i	ļ	}	720		720	
Element (X)		Z _X ,			ZX		¥	•		No. Ob	, J		-		Mean I	No. of	Hours wit	h Temperat	ore		
Rel. Hum.			3386		563	0.8	78.2		57		20	± 0 F		32 F	≥ 67		≈ 73 F	≥ 80 F	* 93	F	Total
Dry Bulb			4383		448		62.3				20		_			. 9	9.1				90
Wet Bulb			2941	 	419		58.3				20		+	~	12		• 6		1		90
Dew Point			1322	 	397		55.2				20					.8			+	-+	93

1

OBSOLE IHS ö EDITIONS PREVIOUS 4 ಠ ó GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-87 JUN YEARS STATION STATION NAME MONTH PAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 88/ 87 1 1 • 1 96/ 85 P4/ 83 12 • 1 . 1 12 827 81 . 8 • S • 6 28 . 3 1 . 3 28 80/ 79 1.0 • 1 31 . 4 1.1 1.1 • 1 31 7: / 77 1.3 38 • 6 76/ 75 .6 1.8 2.5 1.4 65 65 1.3 • 1 74/ 73 1.1 2.8 1.4 1.5 75 75 2.1 1.0 . 6 27 721 71 1.4 2.4 2.6 1.0 1.8 71 71 41 10 53 1.4 1.4 1.3 1.8 70/ 69 . 4 60 3% 1.1 • 6 60 2.1 1.5 1.4 . 7 59 59 41 68/ 67 . 4 1.3 • 7 60 1.7 1.7 1.0 59 1.4 FE1 65 1.0 59 67 53 F4/ 63 1.5 2.5 54 54 87 54 1.1 . 1 . 8 1.3 . 8 627 61 . 6 1.7 1.4 . 1 44 44 . 1 . 1 66 66 . 7 . 4 FL/ 59 • 3 40 1.8 1.3 33 33 70 . 4 58/ 57 • 1 76 64 • 8 21 21 • 6 • 8 . 4 5(/ 55 • 3 15 15 40 61 . 6 54/ 53 17 17 41 52/ 51 17 301 57 1.0 . 8 • 3 • 1 17 • 1 51 49 • 1 . 7 . 1 • 3 10 10 22 31 40/ 47 17 35 46/ 45 11 22 44/ 43 26 42/ 41 21 40/ 39 15 38/ 37 3 36/ 35 34/ 33 32/ 31 2c/ 27 .3 8.5 16.5 19.4 19.0 14.3 11.5 7.2 2.8 TOTAL 720 720 720 720 Element (X) ZX ¥ Mean No. of Hours with Temperature Zxi No. Obs. # 73 F # 80 F # 93 F 3272511 47351 65.914.845 720 5 0 F ≤ 32 F ≥ 67 F 3447023 49473 68.7 8.137 720 56.0 32.3 7.3 Dry Bulb Wet Bulb 2748975 44193 61.4 7.120 720 23.3 4.0 95 10.5 2323617 Dew Point 40415 56.1 8.750 720 1.0 • 1 9 C GLEPAL CLIMATOLOGY BRANCH US#FETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

EURLINGTON INTL VT 73-50 JUN MONTH PAGE 1

1200-1460

																				HOURS (L	. S. T.
Temp.								EMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14					23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. D.		Wet Bulb	Dew Po
01/ 91 01/ 89				1		1	· }	-	• 3	ſ	• 1	• 1						4	4	İ	
1								• 3							<u> </u>			12	12		
87 87				ì			• 4			!		:]) i	į		18	18	1	
۶٤/ 95						• 7	9.	1.4	• 4									28	2.9		
34/ 83	,	j l	,		_	• 6										1		31	31		
57/ 81	•1				. 7	• 7												5.5	55	1	
7./ 77			7	• 4	1.5					1	• 6	• 1						62	62		
-1			• 3			2.1	1.3											66	56		
76/ 75 74/ 73				7	1.9	1.0	1.0	1.3	• 8	- 4		1						5.5	5 5 . 5 5 .	17	
1		<u> </u>	• 1	1.7	1.0	1.9		_						-				5.5	56	39	
72/ 71 72/ 69			• 8	1.5	. 8	1.3				• 1		i 1				!		56	5 5	-1	
5:1 67		-	1.5	1.0	.e	1.7												55 52	5 2	59 76	
66/ 65	. 4	• 3	1.0	1.0	. 3	• 6 • 1	• 4 • 7	1.3			• 1							33	33	63	
4/ 63		.4			. 4	-		• 4		• •					 			36	36	68	
2/ 61		1.1	1.4			: I		• ~	• 1									32	32	72	ġ
1/ 59				• 8	- 7		_ • 3					-						19	19	71	
5 / 57	• 3	.1	• 6 • 8	• •						[- 1		17	17	57	
51 55		• •	• 1	• 3	• 6					 					+			9	- 1 /	36	
54/ 53		. 8	4	. 3		.1	• •			ĺ						l		15	15	38	
52/ 51	• 3		• 3		• 3										 -			9	9	24	
50/ 49	• 3		• -	1	• 1		'			ł	i	' ł				1		í	1	17	
4:/ 47				••						 					 			 		12	
46/ 45			}	1							İ	1			!	!			ì	9	
4/ 43																		 	- +	7	
42/ 41		ļ								1]				J	3	
16/ 39													-		 						
31 37]	j]						1					1 1]		
36/ 35		-								f						i		 			
34/ 33																					
32/ 31		·								 	ļ							 -			
21/ 29										Ì						Ì					
2:1 27										 		-						 			
21 25			ļ			1				•		1								Ì	
lement (X)		Z _X 1			εχ		X	•,		No. Ot	•.				Mean N	o. of Ho	urs wit	h Temperatur	,		
lei. Hum.												≤ 0 F	\Box	32 F	≥ 67	F 2	73 F	≥ 80 F	+ 93 F	T	otel
ry Buib													\Box			\perp					
Wet Bulb																					
Dew Paint									\Box												

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

USAFETAC

GLEPAL CLIMATOLOGY SRANCH USAFETAC AIF WEATHER SERVICE/MAC

14742

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

≥ 73 F

48.3

7.1

• 5

≥ 80 F

21.9

• 1

90

90

90

≥ 67 F

68.6

29.1

8.9

BURLINGTON INTL VT 73-6C YE ARS STATION STATION NAME MONTH 1200-1400 HOURS IL. S. T.I PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 1-1 4-0 5-9 11-7 12-5 14-3 12-6 14-7 10-6 6-7 2-5 -4 720 720 720 (F) TCTAL 720 720

No. Obs.

720

720

720

720

≤ 32 F

. 6

X *x 56.816.702

72.8 8.886

62.6 7.075

55.5 9.238

THIS FORM ARE OBSOLETE ö PREVIOUS EDITIONS ₹ ಠ ó

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

Zx,

2525853

3671784

2861754

2276803

ZX

40917

52410

45106

39939

Rel. Hum.

Dry Bulb

Wet Buib

Dew Paint

GLUBAL CLIMATGLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

2443125

3922864

2847402

2231738

39885

52746

45008

39540

55.418.C27

73.3 9.042

62.5 6.867 54.9 9.160

PSYCHROMETRIC SUMMARY

14742 EURLINGTON INTL VT JUN 73-80 YEARS STATION STATION NAME MONTH 1596-1705 PAGE 1 HOURS IL. S. T.I WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 92/ 91 . 4 • 3 10 10 • 1 • 1 98 VJF • 1 . 1 6 6 EE1 87 25 1.1 867 85 . 1 1.1 1.0 27 27 1.1 . 1 •6 E47 83 •6 1.9 1.5 1.1 46 46 1.0 . 8 . 8 1.0 82/ 81 6.5 1.1 1.8 5 3 53 827 79 1.0 1.3 1.0 1.8 .6 .1 60 1.1 1.7 60 7:/ 77 • 3 1.3 1 . 4 1.3 1.4 1.3 . 1 • 3 56 56 761 75 1.5 1.4 1.4 63 1.3 \mathbf{T} . • 6 63 74/ 73 1.3 - 8 1.3 1.3 1.0 59 59 1.4 1.9 • 4 40 48 727 71 • 3 • 3 1.0 • 8 49 11 1 • 8 71/ 69 • 6 . 8 58 58 77 19 1.1 . 8 • 8 1.0 1.1 . 4 661 67 • 8 1.3 •7 • 7 1.1 49 49 64 37 • 7 • 7 • 8 667 65 1.5 39 39 78 • 8 • 3 3 t 64/ 63 • 1 • 8 27 27 77 <u>5 E</u> 1.1 • 1 . 4 12/ 61 . 4 24 76 76 1.0 • 7 EC/ 59 • 8 1.0 15 15 58 61 . 4 58/ 57 •_3 • 3 18 18 65 43 • 4 5E7 55 46 57 £4/ 53 13 25 • 6 13 56 52/ 51 5.1 1.0 56/ 49 19 36 48/ 47 14 34 46/ 45 32 44/ 43 21 42/ 41 35 41/ 39 36/ 37 19 36/ 35 34/ 33 5 321 20/ 27 TOTAL .6 6.7 6/010.613.910.8 9.713.113.5 9.9 3.2 2.1 720 720 720 724 No. Obs. Element (X) Mean No. of Hours with Temperature

720

720

720

≤ 32 F

• 5

70.1

28.3

8.4

≤ 0 F

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

25.1

50.6

4.6

Total

OBSOLETE

ö

EDITIONS

PREVIOUS

4

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m 26

Ö

GLOBAL CLIMATOLOGY ERANCH USAFETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-60 STATION 1800-2<u>000</u> PAGE 1 HOURS .. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 76/ 89 48/ 87 • 1 4 RE1 85 • 3 • 3 • 1 12 12 • 6 P4/ 83 .7 • 7 . 4 17 17 • 3 25 52/ 81 • 3 1.3 1.1 • 1 • 1 25 PL/ 79 1.0 38 38 1.1 • 6 • 8 . 7 78/ 77 1.1 • 7 40 49 1.3 1.1 54 76/ 75 1.3 54 1.3 1.3 . 4 74/ 73 .7 1.3 1.8 1.0 2.4 1.4 70 70 12 • 8 1.4 1.7 1.9 1.0 59 59 72/ 71 1.0 . 1 . 7 25 1.5 1.8 13 69 • 1 • 8 1.1 62 62 61 2.2 73 61/ 67 1.3 1.4 1.3 • 6 73 44 1.0 . 8 €6/ 65 1.3 . 8 56 ٠. 30 1.1 1.0 1 . 4 60 £41 63 1.4 1.3 1.7 1.4 1.0 58 89 36 36 76 62/ 61 1.1 1.1 68 . 8 • 6 • 6 **68/ 59** • 6 1.1 • 7 . 1 27 68 61 58/ 57 1.5 1.1 • 1 27 27 62 40 56/ 55 59 58 21 • 6 21 54/ 53 . 8 47 • 6 • 1 14 14 • 3 1.5 52/ 51 20 36 60 50/ 49 26 3.8 6 48/ 47 17 41 46/ 45 47 44/ 43 <u>3</u>5 42/ 41 41/ 39 19 19 38/ 37 36/ 35 34/ 33 32/ 31 TOTAL 1.717.012.116.415.412.513.2 8.5 6.7 2.4 1.1 720 720 723 720 No. Obs. Element (X) Mean No. of Hours with Temperature 62.917.320 720 ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. 3061036 45262 5 0 F : 32 F ≥ 93 F 3476214 49672 69.0 8.289 720 56.9 32.6 9.1 90 Dry Bulb Wer Bulb 2696544 43790 60.8 6.801 720 20.8 2.3 90 54.8 8.822 Dew Point 2216287 39439 720 8.1 . 8

GLUSAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

YEARS

14742 EURLINGTON INTL VT STATION STATION NAME

73-80

JUN MONTH 2130-2300

																		PAGS	. 1	HOURS IL	
Temp.										DEPRES								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	9 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 ≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
54/ 63	-						• 1							}	j			1	1		
F2/ 81					• 1	• 1	ļ	• 1						ļ		<u> </u>	-	3	3	<u> </u>	
0:/ 79				• 1	• 3		• 3	i .'		1	1			l	1	1	;	5		Ι.	
76/ 77				. 4										<u> </u>	<u> </u>	 		13	13	1	
767 75	1		• 3	1.3	. 8	• 3	J	• 3			ļ	ļ		ļ		!		23	23		
74/ 73			8.	2.4		1.1	• 4							i		L	1	41	41		
72/ 71		• 1	2.8	1.8	· _	1.0	1	l			1	ľ		1	1	į	į	61	61	1 1	
7./ 69	• 1	_ • 7	1.7	1.4	• 7					1	\longrightarrow			 	├	↓		46	46	1	1
68/ 67	• 6	1.1	3.9	. 4	1.4	1.3	1	i i			1			İ		İ	i	67	67	1	1
66/ 65	• 6		3.3	2.5	. 8				ļ					 	 	↓	+	69	69 31	1 1	- 5
64/ 63	- 4	2.6		2.4	1.1	• 4	1			1	1			ì	1	}	!	65	65		
62/ 61 EL/ 59		3.1	2.4		1.4	1			<u> </u>	┝╾╼┼				} -	┼	 		41	41		
56/ 57	ļ	1.4	1.9	-7		.1	1]		1						1		38	38	! 1	7
51/ 55		2.1	3.2	1.5		• •	• 3	ļ		1				 				52	52		
54/ 53		2.1	1.8	. 8	. 3	.1	1	1	İ		}			ł	}	}	!	37	37	1 1	5
52/ 51		1.7	1.4	• 3	• 4		 			 	+			 	 	 	+	29	29		
50/ 49	• •	. 7	1.9	1.0]			1 1							İ	26	26	- 1	
48/ 47		1.1	• 3	•1			 			 	\dashv			 	 	 	+	11	11	1	
46/ 45	ĺ	. 1	• 6		·		Ì	(i	1	- 1			l	1		1	7	7	24	_
44/ 43	•1	• 3					 			 				-	 	1		3	3	 	2
42/ 41		. 1				}	Ì	Į.		1	Ì			1	1			1	1	4	3
40/ 39							1									†		 		3	
38/ 37	1	- 1			(Ì		{	1 1	}			ł			1	į [i l	1
36/ 35																i				1	
34/ 33					!	}	1		1		- 1						i	l i		!	
32/ 31																					
CTAL	2.8	19.3	31.7	19.4	12.9	7.6	5 • 4	-8						<u> </u>	<u> </u>	<u> </u>			720		72
														I				720		720	
										 					 	-	-				
							-														
lement (X)		ZX²			ZX		X	₹ X		No. Obs					Mean	No. of	Hours wit	Temperat	978		
tel. Hum.			4271		536			13.5			2 C	= 0 1	F	: 32 F	≥ 6		≥ 73 F	= 80 F	- 93	F T	leta
Dry Bulb			UQ74		454			7.9			20					• 5	10.8		3		
Wet Bulb			2571		415			7.1			2C					• 1	. 4				
Dew Point		218	92,2		392	64	54.5	8.1	71	7.	20]			• €		. C		<u> </u>	1		Ş

GLOBAL CLIMATOLOGY ERANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

SUPLINGTON INTL VT JU"; 14742 73-80 PAGE 1 ALL

																		- F # U C		HOURS	
Temp.								EMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 · 6	7 - 8	9 - 10	11 - 12	13 - 14				+	23 - 24	25 - 26	27 - 28	29 - 30	231	D.B. W.B. D			Dew Por
92/ 91]	ļ					• 0	• 1	• 0	• 1	• 1	l j		1			141	14	1 .	
91/89							• 0	• 1	• 1	• 1	• 1							19	19		
98/ 97			1			• 0	• 1	• 2	• 2			• 0	t t		1	1		4.8	48		
"E/ 65						• 2	• 2	• 4	• 2	• 2								75	75		
-4/ 83		i			• 1	• 2	• 4	• 5	• 4	• 3	• 1	• 0	• 0		1			107	107		
F2/ 81	• 1			• €	• 3	. 4	• 6	. €	• 3		• 2				!			165	165	1	i
- 1 79			İ	• 2	• 5	• 6	• 5	• 5		1	1	i I	į.		i			_ 200j	250		
7:1 77			• 1	- 6	• 8		• 6	• 6	• 5						1			234	234	1	
76/ 75			• 3				• 5				- 1	• 0	,		1			289	593		
74/ 73		• 1	_ • 8	1.8	• 9		• 9	• 4		• 2	•0							378	378		5
72/ 71		• 2	1.9	1.5	1.5	• 8	• 6	• 3	• 3	•0	[İ	Ī		419	419	193	37
71/ 69	• 1	• 6	1.8	1.2		1.1	• 6	- 5	• 4									419	419		133
61 67	• 2	1 1	2.4	1.3	1.1	• 7	• 6	- 4	• 2	• 1	• 0		į į			1		454	454	436	256
46/ 65	<u>• 3</u>			1.5	• 9		• 5	• 3	• 2						•	i		463	460	468	328
54/ 63	• 4	1 1	1.8	1.7	1.1	• 5	. 4	• 1	• 3		İ	İ			1	1		472	472	5.85	447
62/ 61	• 2	2.0	1.6	1.4	• 9	• 5		• 1	• 3		L							397	397	<u> </u>	474
6C/ 59	• 3	1.7	1.5	• 6	• 6	- 4	• 0	• 1							,	!		307	307	560	497
54/ 57	• 1			• 4		• 2	• 1											249	249	511	475
5+/ 55		2.0	1.3	• 6	. 4		• 1								1	ĺ		259	259	436	433
54/ 53	• 1		• 9	• 6		• 2												197	197	344	479
52/ 51	• 2	1		• 3	• 2	• 0							İ			1		177	177	315	434
5L/ 4°	• 1			• 2	• 1	• 0												152	152	230	335
46/ 47	• 1	1.5	• 3	• 2	• 0											Ì		117	117	233	319
46/ 45	• 0			• 1	L													64	64	163	273
44/ 43	• 1	,		• 0	• 0													47	47	91	241
42/ 41	• 1		• ü	• 1						L								23	23	48	231
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36/ 35	• 3	1																2	2	5	4.5
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36/ 29		ļ								L	<u> </u>							ļ			7
26/ 27																					9
26/ 25						نـــا				L	<u> </u>	<u>. </u>				1.					1
Element (X)		Z X2			Z X		X	₹ R		No. Ol	18.							h Temperatu			
Rel. Hum.												± 0 1	F =	32 F	≥ 67	F 27	3 F	≥ 80 F	→ 93	F 7	otol
Dry Bulb									+						 				 		
Dew Point													_		 	-+		 	 	-+	
DEM LOINT															L	L		<u> </u>	<u> </u>		

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-80 JUN STATION STATION NAME MONTH PAGE 2 ALL HOURS IL. S. T. TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 23 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 3.320.120.315.412.6 9.0 6.9 5.6 4.2 2.4 .9 TOTAL 5760 • 3 5760 • 0 5760 5760 No. Obs. Mean No. of Hours with Temperature Element (X) 29657998 5760 Rel. Hum. 400364 69.517.824 10 F ≤ 32 F ≥ 67 F = 73 F × 80 F = 93 F 66.0 9.973 59.5 7.706 54.7 8.699 25664424 380168 5760 352.6 191.1 64.6 Dry Bulb 19.2 141.2 5760 Wet Bulb 20724939 342645 • 1 54.0 17681533 315175 5760 5.5 72 Dew Paint • 1

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCRAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR'

4742	<u>e u</u>	RLIN	GTON		LVT					73-	8 F				AR5				Ji.	
3121104				3		AME								,,,	AN 3		PAGE	1	CG: 0	- 32
Temp.								TEMPERA									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6			11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 * 31	D.B. W.B. D	ry Bulb	Wet Bulb	Dew
627 81	į		; 	• 1							- 1	ĺ			1		3	3		
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76/ 75			. 4								!			ļ 			22.	22		
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72/ 71	• 1					• 4				1							<u>60</u>	50	761	
76/ 69		2.0	1			• 5	ſ			Ì		}		i j	j	•	74	74	1	
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64/ 63	• 5					<u> </u>	<u> </u>	 						ļ			72	12	اِن ۽	
52/ 61	1.1			1		ľ			İ)		ĺ		: [i		79	79	91	
65/ 59	. 7			• 5			 										5.31	53	76	
58/ 57	• 8	3.8	2.2	• 7					ļ			1	İ	1	:	:	5 7	57	65	
56/ 55 54/ 53	• 4	3.4					<u> </u>										41	<u>41</u> 27		
52/ 51			1	l					- 1	ļ	j	J			1	1			40	
5(/ 49	•1	1.5	• 9			 -			+								21	$\frac{21}{14}$	27	
42/ 47		5			1		1		1	1	l	1				:	1 4	14	21	
4c/ 45		. 4	ļ <u>.</u>				ļ								+ -		3	- 3	7	
44/ 43		• 3	1						1			- 1				'	3	2	4	
42/ 41		• 3	 -	<u> </u>	 -		 				 ;			-						
41/ 39							1		İ	- 1	i				-				•	
CTAL	5.6	30.6	26.5	15.7	10.2	3.1	. 3							-		_ - -		744		7
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1			j	j	1	1				1	ĺ			1 1						
Element (X)		ZX'	Ĺ		Σχ	<u></u>	<u> </u>		 _	No. Ob	<u>. </u>			<u> </u>	Mean No.	of Hours w	ith Temperatur	•	<u>. </u>	
Ret. Hum.		514	J187		612	79	82.4	11.18	7	7 (44	± 0 F	: ;	32 F	≥ 67 F	≥ 73 F	- 80 F	• 93	FT	otal
Dry Bulb		312	1955	<u> </u>	479	J 3		7.12		71	44			-	38.5	12.	6 • R			
Wet Bulb		279	7417		453	75	61.0	6.36	4	71	44				19.8	3	5			
Dew Point		259	8433		436	79	53.7	6.77	7	7.	44				11.9	+				

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

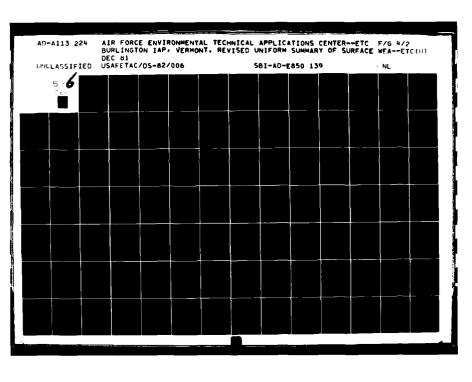
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USAFETAC FORM 0.26-3 OL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLEMAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

4742	Úψ	RLII.	STON	INT	L VT					73-	o O									J (
STATION				5	TATION N	AME								Ÿ	EARS					MON
																		PAGE	1	MOURS I
Temp.								TEMPERA										TOTAL		TOTAL
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1:1 79				• 1														1	1	
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711 75			• 5	ه ه									-	·				11	11	2
74/ 73	}	. 4	- ,		1								1					43	43	
7. / 71		1.3											ļ	·	 :			62	$-\frac{6}{4}\frac{3}{2}$	10
7:1 69 6:1 67	6	1.6	I	1 7	_					· 1				1				4.2		49.
FE/ 65	• S						• 4	<u> </u>			L				·		- -	78	7 8	49: 79:
44/ 62	. e 1 . 3	5.8 5.0		1.5			• 1												73	95
41/61	1.1			• 9	• 7								 	-	+			· - 7 3	53	34
6. / 59	1.2					}				i		1	ì					f. 6	66 66	34. 31
51/ 57	.8							 				ļ	 	-		-		. 43.	45	
50/ 55	1.3	1	• '	. 5	3									'				7.5	35	4 B.
54/ 53	.7		1.1	• 1											•		•	<u>, </u>	45	47
12/ 51	,	2.6		• •	l .							}						ر ج	25	44.
50/ 40	. 4		• 5	• 1													• • •		46	74
48/ 47		2.2		, -									ļ					17	19	22
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64/ 43	ĺ	. 4		'	i		1	1										Š		51
62/ 41	• 3	• 3											-		·-· ·		•	٠. ٠.	4	5
41 / 76		j		İ	ļ	ļ]]					! !	1						
CTAL	○ 9	46.5	27.6	13.7	7.1	1.6	• 5								•			• •	744	
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Element (X)		Z x 2	L		ZX		¥			No. Cu	<u>. </u>	L	L		Meac N	lo. of b	fours with	Temperatu		
Rel. Hum.			6761		£34	67		11.17	1		44	≤ 0	F	: 32 F	≥ 67		≥ 73 F	- 80 F	• 93 1	
Dry Bulb			6598		464			7.66			44		· +-		30		7.8			
Wet Bulb			4220		443			6.05			44		_		14		• 5			
Dew Point			4 .4		43.		57.â				44		-+-			• ć			 	





GLURAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

14742	SUPLINGTON INTL VT	73-80			JUL
STATION	STATION NAME		YEARS		MONTH
				PAGE 1	0600-0800 HOURS 11. 5. T.1

Temp.						WET	BULB '	TEMPER	RATU	RE	DEPR	ESSI	ON (F)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 -	16	17 - 1	8 19	- 20	21 - 22	23 - 2	4 25 - 2	6 27 -	28 2	9 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Pair
34/ 83					• 1		†		1			1			<u> </u>	-	1				1	1		
827 81				. 3				1	1						1	1	į	- (ĺ	2	2		!
PL/ 79				• 5	1.2	. 1		 	\vdash	_		1				1	 	+		1	14	14		
75/ 77			• 1	1.6		1			1				1		1						23	23		Í
76/ 75		. 4		2.7	• 8				 	_		+			t	+	+-	- i		-	41	41	3	
74/ 73		• 5		3.0		. 9	1								ļ	-		1			57	57	16	i
72/ 71	• 3				1.6			 	 						1	+	+-	_		 	68	68	42	
7-1 69	-	2.4	4.0			۰	1		i			ļ								1	87	87	59	
68/ 67	. 8		4.3		• 9					\neg		1					_	_			84	84	83	
66/ 65	. 4	5.2	3.2	2.4	1.1	. 1		. 1	1			j			ļ			1			94	94	95	
64/ 63	. 4	4.0	2.4	1.7	. 8	• 3			 	$\neg \uparrow$		1-	\neg		· -	1		$\overline{}$			72	72	104	77
52/ 61	. 1	3.9	2.0	1.2	. 7	,	1	l	1	- }		1						- }			61	61	8.4	92
60/ 59	• 1	3.0		1.7	• 4				T-	\neg		+			1		\top	_		 	49	49	77	ė 4
58/ 57	• 3	1.7	1.6	. 9	. 4	.1	[ĺ	ĺ	- (1			1	}				1	38	38	51	79
56/ 55	. 1	1.3	. 4	• 5						一			_		<u> </u>	1	 			 	18	18	37	52
54/ 53	• 1	1.1	• 3	. 1		ļ			ĺ				ĺ			1		- [ĺ	12	12	46	45
52/ 51		• 9	• 5			i — —	1			\neg						-	1				11	11	17	24
51/ 49	• 1	- 5				ļ		Į										ļ		i	6	6	15	35
48/ 47	• 1	.4								7						1		_			4	4	10	
467 45		• 3		-								1		,		1		ļ			2	2	4	16
44/ 43										\neg						1	\top						1	7
42/ 41		} !		. 1]	}	ļ		- }						1					į			
40/ 39																	T							5 2
34/ 37		l				ļ	l	ļ	1	1		ļ			ļ			- }		1	į į			1
OTAL	3.0	30.6	27.C	23.0	11.8	3.6	• 7	• 3	T	T												744		744
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Element (X)		Σχ'			z x		X	· ·	ή.		No. C	bs.	\dashv				Med	n No	. of H	ours with	Temperat	wre		<u> </u>
Rel. Hum.			1348		594	86	83.0					744	,	± 0	F	± 32 F		67 F		73 F	- 80 F	- 93 1		Total
Dry Bulb			2761		493		66.4					744			$\neg op$			17.		17.3	1.			93
Wet Bulb			8383		464		62.4					744	_		_			25.		2.4		1		93
Dew Point			6298		445		59.8					744			_			6.		• 3			+	93

Dew Paint

GEORAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

2742950

44792 60.3 7.573

PSYCHROMETRIC SUMMARY

14742	STATION NAME 73-80 YEARS																- J	UL			
STATION	STATION NAME TEARS												PAGE 1								
																		FAGE	. 1	HOURS IN	
Temp.														TOTAL		TOTAL					
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 2	2 23 - 2	4 25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. (Dry Bulb	Wet Bulb	Dew Por
92/ 91									• 1									1	1		
90/ 89							L	• 1	.1	<u> </u>			<u></u>	↓				2	2		
58/ 87		1	1 1			_	. 3	l .	_		1						1	4	4		
86/ 85			ļ		• 1	• 3			• 3			ļ	1	1				22	22		
547 83			1 1	• 1					. 4	l .	ſ	1	1		; [Į.	33	33		
52/ 81 40/ 79		├			1.1	2.4	1		• 1		.1						 	43	44		
		١,	1 1	• /	2.7	2.3	2.4		• 4	l	• 1	[1	1	İ		1	73	73		
76/ 77		• 1							• 4		 		 		 		 	91	91	31	
76/ 75	• 1			3.0	t .	l	1	1.1	• 5	1 .							ì	82	62 84	21 58	
72/ 71		. 4	3.2					1	• 3		├ -			↓	1		+	88	88	77	1
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6c/ 67		-	 				1.1	• 3	• •			<u> </u>	 	 			 -	55	55		7
66/ 65		1.5			1			1 .	({	ĺ	1		1			ĺ	46	46	53	8
64/ 63		.8		. 4		• 5	1						 	 	 		 	20	20		7
62/ 61		.7	l i	• 3		l .	7		1			l	1		i i			22	22		7.
62/ 59		 		• 3				-	 	 			+				 	9	- 5		66
58/ 57			1 1		• •	• '		l			į		1					1	,	32	6
55/ 55		 			 	 -	 	 	 		-	 	+	+	 		├	 		20	6
54/ 53		•		• 1				{	[ĺ	(ĺ		(1 1		l	1	1	18	3
52/ 51		 	• 3		 - - - - - - - 	 	 	-					 	+			 	2	<u>-</u>		2
51/ 49			"			l	1		1		1								_	7	2
46/ 47		 			[+		1		 			2	$\frac{-1}{1}$
46/ 45		l	1 1		1	l	ļ	1	l	})		1)]]]	2
44/ 43		 -	1		 					<u> </u>	· ·		 		1		1				
42/ 41						[ĺ	1	1	ĺ		1		i i					!	
4(/ 39			1																		
36/ 37																					
OTAL	• 1	5.8	11.0	14.0	21.9	19.5	15.6	7.9	3.0	.8	• 3			1					744		74
	_	1	_										1	_			1	743		743	
		Ţ																			
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Element (X)		Z _{X²}	-		ZX		X	•,		No. Of					Mean N	o. of H	lours wit	h Temperatu	re		
Rel. Hum.	3169077				47447			913.695		743		± 0 F		≤ 32 F ≥ 67				* 80 F	+ 93	F	Total
Dry Bulb		4084775			54927			8 6.322		744					0.9		54.5		1		ý
Wet Bulb	321 0 226			48710			65.6	.6 5.789		743					44	. 4	10.4	1	<u> </u>	$_{\rm II}$	9

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SECRAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

5C.2

17.1

13.9

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14742 BURLINGTON INTL VT 73-80 STATION STATION NAME YEARS 1200-1400 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb 76/ 97 • 1 1 96/ 95 . 1 94/ 93 . 1 3 92/ 91 8 8 . 7 951 89 1.1 1.7 • 1 32 32 88/ 87 1.5 1.9 1.1 41 42 • 5 86/ 85 . 9 2.0 • 5 1.1 . 1 46 46 94/ 83 2.6 . 8 2.8 1.9 83 83 • 3 • 5 • 3 52/ 81 1.2 2.2 2.3 2.3 1.5 • 1 81 ٤1 1.5 1.9 til 79 . 8 2.3 3 . 2 1.2 . 4 93 90 •5 1•2 2.2 75 75 701 77 • 3 1.5 2.0 1.1 1.6 • 1 8 761 75 1.7 2.2 • 5 • 3 75 • 3 . 1 1.5 1.2 1.1 75 40 1 1.2 . 7 1.3 741 73 • 1 • 7 2.0 . 9 • 1 57 57 63 72/ 71 • 9 . 0 . 7 47 47 21 1.1 1.1 94 • 1 1.1 . 4 76/ 69 • 1 1.2 • 5 . 7 • 8 . 4 33 33 97 49 • 1 68/ 67 . 3 1.1 . 8 29 29 99 57 . 8 . 4 66/ 65 • 3 18 103 78 18 64/ 63 • 3 . 1 14 14 72 91 62/ 61 • 3 . 1 . 4 6 6 56 63 66./ 59 • 1 43 62 59/ 57 • 1 63 19 1 56/ 55 23 58 54/ 53 14 43 52/ 51 11 33 50/ 49 16 48/ 47 32 46/ 45 19 44/ 43 19 42/ 41 10 4L/ 39 ç 30/ 37 9 36/ 35 9.312.517.119.514.0 8.9 4.2 TOTAL .3 2.7 4.2 6.6 744 743 • 3 743 Σ×, No. Obs. Mean No. of Hours with Temperature Element (X) Ŧ 53.514.797 743 Rel. Hum. 2287891 39739 5 0 F ≤ 32 F ≥ 67 F ≥ 73 F = 80 F - 93 F Tetal 78.3 6.816 66.5 5.727 59.1 8.179 Dry Bulb 4596805 58261 744 87.9 74.3 42.1

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OBSOLETE FORM ARE IES ö EDITIONS PREVIOUS 4 ಠ 0-26-3

Wet Bulb

Dew Point

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 **BURLINGTON INTL VT** 73-80 JUL STATION STATION NAME PAGE 1 1520-1768 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 100/ 99 $\widehat{\mathbf{1}}_{1}$ • 1 9E/ 97 1 95 967 Ŧ 94/ 93 5 5 • 1 • 1 927 91 . 5 . 8 • 5 • 3 21 21 . 0 9L/ 89 • 5 • 8 301 3 C • 9 . 8 £87 87 1.5 2.0 .1 46 7 46 2.2 ÷6/ 85 1.3 1.3 . 8 60 60 1.6 . 1 • 3 1.9 84/ 8.3 1.2 1.5 75 75 <u>.</u> 8 1.3 2.8 1.9 12/ 61 • 8 1.1 73 73 8**. / 79** 3.1 1.6 1.5 1.5 • 8 89 99 78/ 77 1.6 2.3 2.0 87 57 1.1 1.1 761 75 1.6 1.1 54 33 1.1 • 8 54 74/ 73 1.5 . 7 1.1 1.1 1.7 1.2 • 1 61 • 1 61 5 Ü 71 721 1.1 15 • 1 • 3 • 5 1.5 39 39 72 • 3 • 1 71/ 69 . 8 1.2 • 3 • 1 24 92 24 42 • 5 • 9 • 5 66/ 67 1.1 • 1 . 7 • 5 34 34 122 59 • 1 66/ 65 . 7 . 1 23 23 • 8 105 62 641 63 • 5 • 3 • 3 • 1 • 1 12 12 71 78 62/ 61 • 1 • 1 6 6 64 84 60/ 59 • 1 63 44 54/ 57 30 64 56/ 55 39 16 54/ 53 52/ 51 44 51/ 49 32 27 29 46/ 47 46/ 45 44/ 43 21 42/ 41 45/ 39 10 36/ 37 36/ 35 Zx, Element (X) Mean No. of Hours with Temperature No. Obs. Rel. Hum. ± 0 F : 32 F 267 F 273 F 280 F ≥ 93 F Total Dry Bulb Wet Bulb

ETAC FORM 0-26-3 (OL A)

Dew Point

SLGPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

14742	BURLINGTON INTL VT	73-80			JUL
STATION	STATION NAME		YE ARS		MONTH
				PAGE 2	1500-1700

Temp.							BULB 1											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	e 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Por
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Rei. Hum.			9841		386	7 1	51.9	16.2	24		44	= 0 1	·	32 F			73 F	→ 80 F	• 93 1		Total
Dry Bulb Wet Bulb			7811 3333			2 Y	78.8	701	24		44							45.	*	• C	9
Dew Point			<u> 3333</u> 5750		494	7 T	66.4 58.5	2.5	91		44					• 8	13.3				9

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GEURAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 3	0 ≥ 31	D.B. W.B.	Dry Bulb		Dew Po
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76/ 75			. 4	2.3	2.2	2.8	2.3	1.2		. 3		1		1				91	91	16	
74/ 73			1.1	2.4	2.4	1.7	2.0	1.3	• 3					†	1		1	84	54	44	
72/ 71	. 4		1.3	2.2	1.9				. 4									76	76	58	1
71/ 69		. 7	1.5	1.2	.7	1.2	• 8	• 8	• 1						1		Ť	5.2	52	64	
6:1 67	• 1	2.7	1.3	.8		. 9											1	60	60		
66/ 65		1.3	1.3	• 8	1.1	• 7	• 5	• 3	• 1									46	46	123	6
64/ 63		1.2	• 3	.8	.7	. 4	• 5	• 3	ľ									31	31	82	
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OTAL	• 5	6.7	9.0	12.4	14.8	17.9	17.1	10.8	7.8	2.3	• 3	- 4	• 1	-					744	1	74
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Element (X)			7388		454	96	X 61.2	15.3			44	± 0 F		± 32 F	Meon 1		Pours with ≥ 73 F	Tempero			Total
Dry Bulb			6126		551			6.6			44	2 0 1	+-	= 32 F	79		56.0		* 93 4	-1	9
Wet Bulb			5181		483		65.0				44		+			•5	8.1	200		- -	 9
Dew Point			6398		439			7.4			44					• 기	•6				ر 9

GLUBAL CLIMATOLOGY SRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BURLINGTON INTL VT 73-an STATION NAME 2100-2300 PAGE 1 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 84/ 83 • 4 4 62/ 81 1.1 12 56/ 79 11 11 78/ 77 2.0 . 7 . 4 30 30 76/ 75 .7 2.3 1.3 1.5 46 46 . 4 2.7 3.5 74/ 73 • 7 77 77 13 72/ 71 1.1 4.7 3.0 38 13 1.3 1.7 90 90 71/ 69 • 3 3.5 2.3 2.7 . 8 77 77 29 3.6 1.7 92 1.7 68/ 67 .4 1.6 . 4 . 4 74 74 68 66/ 65 . 4 5.4 2.2 2.4 1.1 . 7 . 1 91 91 98 62 3.5 1.6 2.0 64/ 63 1.1 67 67 96 160 62/ 61 3.1 2.8 1.2 94 1.1 64 54 56/ 59 2.0 1.6 1.2 • 3 • 3 41 41 77 75 56/ 57 1.1 1.6 . 1 24 24 48 65 56/ 55 • 3 1.1 18 47 18 6 C • 9 54/ 53 . 1 • 3 10 10 35 52 52/ 51 • 1 • 5 5 17 26 50/ 49 • 1 1 12 37 45/ 47 • 1 23 40/ 45 15 44/ 43 5 42/ 41 €. 407 39 3 36/ 37 TOTAL .920.329.021.019.2 8.7 2.7 743 743 743 743 Element (X) Mean No. of Hours with Temperature 4355125 75.611.978 = 67 F = 73 F = 80 F • 93 F 56185 743 Rel. Hum. 2 0 F s 32 F Dry Bulb 50257 3429895 67.6 6.409 743 52.7 22.5 2.5 43 62.7 5.814 2.0 Wet Bulb 2946264 46588 743 26.3 93 Dew Point 2654768 44128 59.4 6.763 743 13.9 . 1 93

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

14742 BURLINGTON INTL VT
STATION STATION N

PSYCHROMETRIC SUMMARY

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JUL

STATION NAME YEARS MONTH PAGE 1 ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 100/ 99 • 0 96/ 97 967 95 •0 • 0 74/ 93 Qi Si/ 91 34 •1 • 0 • 1 34 90/ 89 • 0 66 66 • 3 • 0 TET 87 102 103 28 182 . 3 • 0 153 153 F47 83 •0 227 • 5 • 6 • 3 • 1 227 . 9 • 2 • 0 • 9 277 278 67 81 • 2 • 5 •5 3../ • 1 1.1 • 2 •0 351 351 . 8 7:/ 77 1.5 • 0 .0 392 392 • 0 1 . 3 28 767 75 1.3 422 422 121 3 74/ 73 2.4 523 1.3 523 258 36 727 71 . 8 2.6 1.8 531 423 1.4 531 121 • 3 2.6 1.4 . 7 454 454 575 71/ 69 1.1 1.1 284 • 3 611 67 1.8 2.4 1.1 1.1 • 6 • 1 487 487 738 513 556 66/ 65 1.7 472 472 3.1 1.2 . 7 • 3 • 3 780 . 9 64/ 63 1.0 • 3 • 2 358 358 690 2.6 • 6 661 2.5 62/ 61 1.1 316 316 638 675

73-30

0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC FORM

CLOUAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC 14742 GURLINGTON INTL

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

14742	SURLINGTON INTL VT	73-80			JUL
STATION	STATION HAME		YEARS		MONTH
				PAGE 2	ALL

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)					-	TOTAL		TOTAL	
(F)	0	1 . 2	3 . 4	5.4	7 . 0	0 10	11 12	12 14	15 14	17 - 10	19 - 20	21 . 22	23 . 24	25 26	27 . 20	20 . 3	0 - 31	D.B. W.B.	Dry Bulb	Was Bull	Daw Par
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Dry Bulb		3026	6726		42C9	66	70.7	9.0	58	59								131.	3 1	• 3	744
Wer Bulb		2435	7028		3787	22	63.7	6.4	45	59			\neg		268	• 3	51.2	<u> </u>	1 <u>-</u>		744
Dew Point		2159			3515	14	59.1	7.4	02	59			$\neg \vdash$		120		5.5		 		744
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GLUTAL CLIMATOLOUY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| 14742 | BURLINGTON INTL VT | 73-8E | AUG | | MONTH | | FAGE 1 | CUCU-0200 | Hours (L. S. T.)

																		-07		TOTAL	
Temp.		, , ,				WET	BULB	FEMPER	ATURE	DEPRE	SSION (F)		 1			, 	TOTAL		TOTAL	-
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747 73		.7	2.8	• 7	• 4	• 1	• 3											37	37	5	1
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Wet Bulb			9343		448		60.3				44				19.	_	1.0				ý
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GLUBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

2494373

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-80 YEARS PAGE 1 0300-0500 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.8. W.B. Dry Bulb Wet Bulb Dew Point (F) • 1 5./ 79 3 7-/ 77 761 75 12 . 4 12 • 1 74/ 73 . 1 1.5 1.1 20 20 72/ 71 2.8 2.3 1.3 • 1 49 49 6 54 76/ 69 3.2 2.4 1.9 61 61 68/ 67 4.0 1.6 1.7 • 1 59 59 70 56 6.7 2.3 82 50 £6/ 65 1.6 • 7 86 64/ 63 6.0 . 8 62 62 ER 52/ 61 7.7 2.0 • 3 78 33 63 • 5 78 ٤î FUZ 59 6.2 1.5 • 3 • 5 64 64 63 50/ 57 4.6 . 1 46 46 76 οl 1.6 56/ 55 4.3 54 52 54/ 53 3.8 1.5 46 46 44 2.4 3 E 52/ 51 26 26 44 • 8 51/ 49 . 1 3.5 • 1 29 29 41 47 40/ 47 3.1 27 27 28 31 41 / 45 10 10 22 44/ 43 17 1.1 8 12 12 42/ 41 . 1 6 35/ 37 1 1 1 36/ 35 • 3 2 4.361.020.011.4 2.4 744 TOTAL 744 744 744 Element (X) No. Obs. Mean No. of Hours with Temperature 64727 87.5 8.996 744 ≥ 67 F ≥ 73 F Rel. Hum. 5691291 2 0 F ≤ 32 F = 60 F • 93 F Dry Bulb 2348219 45669 61.4 7.775 744 26.0 4.9 93 Wet Bulb 2628851 43893 59.0 7.277 744 16.8 <u>.</u> 5 93

744

10.9

. 1

93

57.4 7.456

42721

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLI

Dew Point

THIS FORM ARE OBSOLETE PREVIOUS EDITIONS OF ∢ ŏ 0.26.3

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

GLOVAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

5429289

3483367

2016259

2651220

63167

47593

45497

44130

84.9 9.201

64.0 7.234 61.2 6.768

59.3 7.278

PSYCHROMETRIC SUMMARY

267 F 273 F 280 F 293 F

9.5

1.0

1.7

Total

14742 SURLINGTON INTL VT 73-80 AUG STATION STATION NAME PAGE 1 0600-0320 HOURS IL. S. T. Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. Dry Builb Wet Builb Dew Poin °4/ 83 • 1 42/ 81 • 1 . 4 •1 . 3 787 77 10 1.3 767 75 20 20 1 74/ 73 . 8 1.9 2.0 39 39 727 71 3.4 3.8 1.5 71 71 31 71 / 69 3.6 3.4 . 3 76 2.0 76 68 6 / 67 4.2 3.1 74 66 46/ 65 5.5 2.6 • 1 71 71 76 91 6 3 5.9 2.4 78 54/ 63 - 4 73 • 1 52/ 51 • 1 5.1 2.3 . 8 • 3 64 64 P 5 77 59 60 6.0 1.5 69 72 81 • 5 5./ 57 3.2 1.7 45 45 69 65 56/ 55 4.7 1.3 53 46 46 • 5 34/ 53 2.2 27 27 21 51 29 40 • 1 1.6 13 13 5/ 49 • 1 1.6 14 14 21 3: 6 -/ 47 23 1.1 . 4 12 12 15 41/ 45 8 21 44/ 43 2 2 42/ 41 1 3 41/39 7 3. / 37 1 31/ 35 TUTAL 4.249.227.214.8 3.5 1.2 744 744 Element (X) Z. 4 No. Obs. Mean No. of Hours with Temperature

744

744

744

744

≤ 0 F

1 32 F

37.1

22.4

15.0

ITAL CLIMATOLOGY BRANCH AFLIAC F WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

742	د ،	RLIN	GTCN	INT	LVT					73-	50								IΔ	u.5
STATION					ATION N	ME								YEARS					MON	тн
																	PAGE	1 .	HOURS IL	-1150 ., s. T.1
Temp.		-				WET	BULB	EMPERA	TURE	DEPRE	SSION	(F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								3 . 24 25 .	26 27 - 28	29 -	30 = 31	D.B. W.B. D			Dew Poin
4/ 93									• 1			1					1	1		
./ 89							. 4			1				j		i	1 3	3	i	
E/ 87						• 1				 	 -	 					2	2		
E/ 35		,		i	- 4	. 5							İ			1	7	7	ĺ	
4/ = 3				• 1	. 7		• 4	• 3				1		-			13	13		
			. (. 4	Ω,	1.3	• 9	• 1		i		! !		, i		-	27	27	i	
2/ 81:			• 3	• 9		2.4		• 4	• 3	• 1		1					49	49		
-/ 77			. 8	1.5		2.2	• 9										5.8	58	15	
E/ 75		• 5		1.9	1.9		• 7		• 1	 						+	90	90	13	?
4/ 73		2.7		2.6			. 4	• 1	• 1					1 !			94	94	41	18
21 71		1.2		1.5	3.0	1.5	. 7		• 1	 		1 - 1		+-			78	78	80	54
1/ 69	. 1	1.3	2.4			. 9	. 4	. 1	. 1	l .]]	İ			i	77	77	89	53
1/67		• 8		1.5	1.7	1.1	• 1			l —							56	56	79	63
6/ 65	. 1	i		1.9		• 3		• 1		1							5.5	5.5	91	68
4/ 63	• 1		. 9	. 8	2.3	• 1		• 1				 					44	44	90	67
2/ 61		1.1	2.3	1.1	. 4	• 5	• 1										39	39	66	73
./ 59		1.6	• 9	• 7	• 3											1	25	25	57	61
. / 57		. 7	. 3														7	7	53	74
1/ 55		• 9		• 1													12	12	33	51
		. 3	. 3							!							4	4	22	42
4/ 53																	1	-	7	36
			l	. 4	i												3	3	5	26
1 47												1								15
										!						ĺ		ĺ	1	6
4/ 45																	<u> </u>		2	6
		ĺ	1	Ì	ı					1		1	l				1	}	-	1
2/ 41																				4
: / 37			' !	ì	' i			}		1		} }		1 1			1	- 1	i	2
c/ 35	-	_																		1
TAL	. 4	14.4	20.2	17.5	21.2	16.9	5.2	2.2	. 9	. 1]]]			j	744	1	744
																	744		744	
ement (X)		ZX,			Z X		I	**	\bot	No. Ob	8.			Mean N	la. of	Hours wit	h Temperatu	re		
I. Hum.			1582		531			13.51			44	± 0 F	± 32 F		$\overline{}$	≥ 73 F	≥ 80 F	→ 93 F	1	otol
y Bulb			4751		529			6.92		7	44			69	. 4	43.0			1	93
or Bulb			7438		483			6.10			44			39		8.6				93
- Point		201	349		454	[0]	61.7	7.23	33	7	44	1	j	23	. 91	2.6	1	1	1	93

GLUMAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4742	BURLIN	GTON							73-	6 0										U 5
STATION			Š.	TATION N	AME		- -		_	-			YE	ARS			PAGE	1	1200 HOURS I	
Temp.										SSION (TOTAL		TOTAL	
	0 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
98/ 97										• 1	• 1		i				2	2		
96/ 95	1	1							• 3	• 1		ľ	1			1	3,	3		
927 91			_				• 3	• 1								i .	3	3		
91 / 89				• 1		• 5	• 3	• 1						!		:	8;	8		
38/ 87			• 1	• 1	. 4	.7	• 3	• 3	• 3			1	1	i - i			16	16		
PE/ 65	1			. 1	1.1	1.2	1.2	. 4	. 4			ł	1	1 1		1	33.	33		
E47 83			• 1	. 4	1.5	1.6	1.6	.7	• 8				1				5 ü	50		
P2/ 81		•	• 5		2.0	3.5	1.7	• 5	. 4			1				1	71	71	3	
EU1 79		• 1	1.1	1.9	3.0	3.2	3.1	• 9		- 5		 					103	103	3	
78/ 77	l	. 7	1.9			1.9	1.1	1.2		• 1		J	İ	!			74	74	21	
76/ 75	.1	1.6		1.5		2.3	2.0	. 8					 	 		† †	92	72	18	
74/ 73	.5	1.2	1.2		1.2	• 9	1.9	. 1	. 4								€1	61	62	1 !
72/ 71	.8		• 8		. 9		• 5	• 3				 	 			1	61	61	9.8	4
75/ 69	.1	. 7	. 8	l _i						1		1				i !	34	34	102	5.5
6:/ 67	•1	- 8	• 3		. 9		• 5	• 3	1	<u> </u>		 	 	 		1	39	39	69	5.
66/ 65	.7		• 3	1 1								1					27	27	54	61
£4/ 63	.9	• 5		.7	. 4				 			 	 	 		1	24	24	74	76
62/ 61	. 9	, 1	ſ	- 4		1						ļ					17	17	56	5 8
62/ 59	1.1	. 4			• 1				 	-		┼	 	 		 	13	13	53	70
58/ 57	.4		_		, , ,				İ	}			!			1 1	3	3	45	7
567 55	• 8					-							 			 	7	7	33	5 (
54/ 53		-				ĺ						1						·	16	49
F27 51			• 3			-			 			 	 	 		 - 	2	2	4	3
5L/ 49			• 1						1			į				1	1	1	Ĭ	39
42/ 47									 				 			-			i	2
40/ 45			İ																2	1
44/ 43						-			 -] 	+	 						
42/ 41												1	1				-			
40/ 39									-		 -		+			 				
31 37								İ	İ				1			}				
OTAL	6.6	7.3	9.4	13.3	18.5	20.2	14.7	5.8	3.1	1.1	• 1		 			 		744		744
																	744		744	
Element (X)	Z _X ;			Z X		X	•		No. OL	<u></u>				Mean N	o, of H	ours with	Temperat	ure		
Rel. Hum.		8459		446	67	60.0		84		44	± 0	F	≤ 32 F	≥ 67		73 F	≥ 80 F	- 93 F		Total
Dry Bulb		u761		562		75.6				44		`		51		64.5	30.4		. 6	9 3
Wet Bulb		9447		491		66 C	_			44	-	-	···	45		13.4	30.0		• 5	- 9
	ں ہے ر	, , , ,	ı	771	- 7		1 4 6 6	• [,	77		i		1 700	• • •	2007	• •	* j	1	7.

GEGRAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	Bi	RLIN	BION		TATION N					73-	8:			YE	ARS					U G NTH
																	PAGE	1	1500	-17L
Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16		19 - 20			25 - 26	27 - 28 29	- 30 = 31	D.B. W.B. 0	ory Bulb	Wet Bulb	Dew Po
98/ 97					}	1	ì			• 3		• 3		ĺ	!	į	4	4		
96/ 95		ļ				<u> </u>	ļ			•1	• 1			!	<u> </u>		2	2		<u>!</u>
92/ 91						_		• 1	• 3	1					'	1	3	3		1
91/89						. 3		• 4		• 1		. 1		ļ			7	7		-
E8/ 87		1 1	į		١.,	1.1	• 5		• 5		• 3	1					16	18		1
56/ 55 54/ 33					• 3				1.7		• 4			 	 		46	46		
82/ 81				. 4	1		2.0	1.3 3.0	• 8		• •	i	,	1			64	64		
81/ 79		 	• 1	- 5				2.3	. 9		.7	• 1	-1	 	+		96	96	5	
75/ 77		1 1	. 8	. 8	ı			1.7	1.1		1					į	73	73	12	i i
76/ 75		• 3		1.2				1.7	• 9						 	+	94	94	31	
74/ 73		• 3	: 1	1.2	1	1 -	ı		. 3	,			ļ	1		Ì	74	74	52	
72/ 71		• 3		.7	1.2			• 5	• 7								54	54	71	5
76/ 69		. 8	1.2	. 4	.7		L	. 4	.5							1	47	47	100	اڌ
68/ 67		• 9		. 4	• 8	1.2	. 4	• 7	• 1					Ī —			34	34	91	6
66/ 65		1.1	. 7		.7							} 					28	28	91	51
64/ 63		• 5	1 1	• 3]					17	17	75	71
62/ 61		1.6	. 4	• 5	. 4		L				ļ			<u> </u>	<u> </u>		22	22	65	6
56/ 59		• 3			[[.	[ĺ	1		l	1	i	2	2	60	7.
51/ 57		<u>•8</u>	. 4		<u> </u>	• 1	<u> </u>			.		-					10	10	39	5
56/ 55 54/ 53				• 1	• 1		j			ļ					i		2	2	31	6
52/ 51		 			 -	 				 	<u> </u>				 				18	<u>ت</u> 5
50/ 49			[[[1	1		(İ	ļ		İ					2	3
4c/ 47		 					 			 				 	 					2
46/ 45) !))			,	ļ	,		Ì		1		l		}			•	1
44/ 43		 			 						\vdash									
42/ 41		İ			ĺ	1		į '		ł	ľ	ł i	}	l	1 1					
41/ 39																				1
38/ 37						l												l		
GTAL		6.9	7.4	6.6	14.0	17.5	17.7	14.4	8.7	3.8	2.2	. 8	• 1	ſ			T - T	744		74
		 															744		744	
Element (X)		Σχ'			Z x	\vdash_{\top}	X X	• 5		No. OL))			<u>L.</u>	Mean No.	of Hours wit	h Temperatu			<u></u>
Rel. Hum.			3136	-	436	28	58.6		71	7	44	= 0	F :	5 32 F	≥ 67 F	≥ 73 F	- 80 F	• 93 F		Total
Dry Bulb			1536		564		75.9				44				82.9	66.C	30.8		.8	9
Wet Bulb			3419		490		65.9			7	44				45.3					9
Dew Point		267	8453		442	37	59.5	8.0	54	7	44				20.3	1.6				9

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN γ_1

FORM 0-26-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLURAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-80 AUS STATION STATION NAME MONTH 1600-2000 Hours (L. S. T.) PAGE 1

Temp.							BULB 1											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poin
04/ 93		Ī							• 3					T			1	2	5		
861 27		})		• 3			}						1		İ	2	2	ļ	
367 85					• 3	• 1	• 1	• 1		• 1							1	6	6		
84/ 83				• 1	ć •	• 5	. 4	• 3	. 1	}		į į		1			1	17		ļ	
82/ 81				. 7	• 4	1.2	• 3	• 4	• 3					1			:	28	28		
A. / 79			. 4	. 7	1.6	1.2	• 7	• 6	.1				İ				•	42	42	ĺ	
761 77			1.1	1.9	2.4	1.1	1.6	• 4	• 4		• 1			T				67	67	ŝ	
76/ 75		1	2.2	1.9	2.7	1.2	1.3	. 4		. 3		}		j				. 75	75	18	4
74/ 73		• 5	1.9	3.2	1.7	1.5	1.6	• 3	• 1								•	81	31	34	12
72/ 71		. 9	1.6	2.4	1.7	2.0	• 9	• 4	• 3	• 1				į			1	77	77	60	31
70/ 69		1.7	3.5			2.3	• 3	• 4	• 3								i	98	98	81	47
501 67		1.2	2.3	2.0	3.0	1.3	. 4	• 3	1					l			i	78	78	76	58
667 65		1.9	• 5	1.6	1.5	• 9	• 3		Ī						i		Ī	50		136	6.5
64/ 63		1.2	• 9	1.1	• 9	- 9	• 3					}		L	l	_		40		81	٤ 3
627 61		• 5	.4	• 5	1.3		• 1		,									22	22	80	62
61 59		.8		1.6	• 5	• 1											L	31	31	€ 3	64
58/ 57		5	1.2	• 4]												1	16	16	48	63
56/ 55		• 1	. 7	1	• 1				l					ļ				7	7	42	54
54/ 53		• 1	• 1	• 1	• 3												I	5	5	38	55
52/ 51			Ĺ					<u></u>		L							1			10	49
56/ 49		}	Ì	l)		1			ļ	j .		2	29
48/ 47		<u></u>	L	L	L		L!							L			J			1	25
46/ 45		1								ĺ	ĺ	[1	İ		2	19
44/ 43								L						L	Ì			L			8
42/ 41			ļ	ļ	,		ļ					1			i '			ì			6
40/ 39		L	ļ					L										 _			6
36/ 37		1 _		Ì				_			}	}					1				1
TCTAL		9.7	17.9	20.3	21.5	14.8	9.3	3.9	2.0	• 5	• 1						<u> </u>		744		744
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.]			,	ļ]																1
Element (X)		ž X'			ZX		X	•,		No. Ob					Mean M	lo. of h	lours wit	h Tempera	ture		
Rel. Hum.			6337		508		68.4				44	± 0 !	F	≤ 32 F	≥ 67		= 73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb			5559		529		71.1	6.6			44				71		4D.C	1	1	3	9.1
Wet Bulb			5637		477		64.2				44				34		7.5	1			93
Dew Point		267	1679		443	89	59.7	7.6	35	7	44		\Box		19	• 0	2.5				93

Element (X)	z _x ,	ZX	X	♥ _X	No. Obs.			Mean No. of	Hours with	Temperatur	•	
Rel. Hum.	3626337	50892	68.4	13.977	744	± 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	e 93 F	Total
Dry Buib	3795559	52907	71.1	6.691	744			71.6	40.0	9.1	• 3	9.7
Wet Bulb	3495637	47777	64.2	6.092	744			34.6	7.5			Ý.
Dew Point	2671679	44389	59.7	7.635	744			19.0	2.5			9.

OBSOLETE

ARE

0.26-3

GLUBAL CLIMATOLOGY SRANCH USAFETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

SURLINGTON INTL VT 14742 73-80 STATION YEARS PAGE 1

2100-23L0 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point . 1 62/ 91 • 1 3 3 • 1 FC/ 79 Q 9 . 1 701 • 7 14 14 77 • 3 • 1 76/ 75 1.3 1.9 • 3 3.2 22 ز 741 73 . 7 4.17 2.3 65 9 1.1 £ 5 1.5 3.9 1.2 72/ 71 . 1 . 1 281 11 1.5 63 53 . 1 70/ 69 3.4 4.6 1.6 e 4 54 75 31 2.8 6.0 1 - 3 61/ 67 . 9 1.1 91 91 73 ٤٩ F61 65 3.2: 1.3 . 4 90 90 el 5.6 1.3 8 C . 1 64/ 63 3.5 2.4 65 ს 5 99 7 F 1.9 2.3 1.3 47 €21 47 73 61 65 50/ 59 1.7 2.6 1.2 46 46 67 66 56/ 57 3.0 3.1 1.9 64 64 78 55 5t/ 55 . 8 35 5 F 2.3 1.5 35 48 : 41 • 1 18 55 53 51 1.6 18 12/ 51 . 4 . 1 10 10 33 57 52/ 49 • 5 . 1 5 5 15 40 4 < / 47 10 31 • 1 46/ 45 16 44/ 43 7 42/ 41 46/ 39 744 TOTAL 1.220.237.617.7 9.3 3.4 1.5 744 744 744 Element (X) No. Obs. Mean No. of Hours with Temperature 59429 79.910.768 744 • 80 F • 93 F Rel. Hum. 4 0 3 3 2 1 3 ≤ 0 F ≥ 67 F ≥ 73 F ≤ 32 F Total Dry Bulb 3243331 48873 65.7 6.653 744 45.1 15.4 93 1.3 45964 61.8 6.340 Wet Bulb 2869570 744 24.3 2.3 93 2639400 43998 59.1 7.103 Dew Point 744 17.0 93 1.1

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCAAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 **BURLINGTON INTL VT** 73-80 AUG STATION STATION NAME YEARS MONTH PAGE 1 ALL WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) D.B. W.B. Dry Bulb 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Point 3 - 4 5 - 6 98/ 97 • 0 •0 • 1 6 6 967 95 • 0 5 94/ 93 • 1 3 92/ 91 . 1 6 6 757 89 • 1 • 0 31 18 38/ 87 • 2 • 0 • 0 • 1 38 38 • 4 F67 85 •1 .1 92 92 •1 • 5 94/ 83 128 128 221 81 196 • 0 196 79 1.0 . 9 • 0 311 311 ç 7:1 . 8 1.3 .1 30 á 308 57 3 • 1 1.3 1.3 76/ 75 • 2 1.5 1.3 . 8 • 3 95 • 0 433 433 17 • 1 1.3 74/ 73 2.0 1.0 . 7 • 8 • 9 • 5 • 1 • 1 471 471 216 76 72/ 71 1.7 2.4 1 . 4 . 7 1.4 516 516 384 211 .8 69 2.5 • 5 533 76/ 2.2 1.5 1.1 533 635 330 66/ 67 2.3 2.4 1.3 . 1 499 1.1 . 2 499 587 492 1.6 F.61 65 3.7 1.2 • 6 483 483 636 566 • 7 64/ 63 1.2 3.2 404 575 • 1 1.1 • 8 • 0 404 668 521 61 • 5 • 1 3.3 1.6 372 372 590 561 • 7 61 / 59 2.6 296 296 512 584 57 2.2 58/ • 5 1.2 • 1 247 247 473 519 56/ 55 2.0 1.0 . 3 • 1 345 495 214 214 54/ 53 1.3 . 1 139 139 292 391 . 7 52/ 51 79 • 8 • 1 79 174 373 56/ 49 . 8 • 1 • 1 114 266 • ũ 64 64 42/ 47 51 51 71 202 51 45 46/ 21 21 157 44/ 43 . 2 10 24 10 71 42/ 41 9 41 41/ 39 • C 2 2 38 38/ 37 3 3 . 1 3 16 36/ 35 TUTAL 1.628.420.713.711.3 9.3 6.9 2.2 • Ō 5952 E952 4 . 4 ٥. • 1 5952 5952 Element (X) ZX No. Obs. Mean No. of Hours with Temperature 74.416.303 34438265 442561 Rel. Hum. 5952 5 0 F : 32 F ≥ 67 F ≥ 73 F 28395022 68.5 8.911 5952 744 Dry Bulb 407670 445.4 251.9 82.6 1.8 Wet Bulb 23:39894 374428 62.9 6.925 5952 248.3 47.5 744 <u> 5952</u> 21258557 352875 59.3 7.533 Dew Point 141.3 12.1 744

GLUBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

14742

STATION STATION INTL VT

STATION NAME

PSYCHROMETRIC SUMMARY

YEARS WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL TOTAL TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 75/ 77 . 1 76/ 75 . 6 74/ 73 3 3 72/ 71 15 • 1 . 7 . 3 70/ 69 1.3 22 22 10 2 6i/ 67 . 6 1.5 21 66/ 65 12 2.1 1.7 36 14 • 1 1 - 1 • 4 36 . 3 44/ 63 • 3 2.5 1.3 35 35 34 22 621 51 2.2 • 6 • 1 27 27 72 36 Ei/ 59 1.9 . 1 3.1 1.5 . 8 5 3 53 35 26 . 4 58/ 57 . 8 1.1 2.5 2.4 53 39 3.2 53 56/ 55 4.0 2.6 1.1 60 5**5** - 5 54/ 53 1 • 3 4.2 2.5 77 54 2.8 61 52/ 51 . 7 6.0 71 . 8 . 8 6.1 61 57 . 7 50/ 49 6.1 1.9 • 6 71 71 79 73 • 1 48/ 47 6.0 51 51 46/ 45 • 3 . 6 2.1 • 1 22 22 62 6.0 44/ 43 • 4 2.2 1.3 . 1 29 29 27 48 42/ 41 2.5 30 26 . 6 26 46 31 46/ 39 1.1 17 17 29 1.0 3-1 37 1.0 12 12 18 26 36/ 35 1.3 12 12 34/ 33 32/ 31 31/ 29 11 • 6 11 16 28/ 27 TOTAL 9.052.221.013.5 3.6 720 720 720 720 **T**__ "A Element (X) Zx' ZX No. Obs. Mean No. of Hours with Temperature 5251970 60966 84.711.168 720 ≥ 67 F . 73 F 2173115 39017 54.2 9.041 720 1.7 8.6 Dry Bulb 51.7 8.630 Wet Bulb 1976267 37207 720 1.0 5.3 .5 Dew Point 182495J 35644 49.5 9.163 720 3.3 3.8

73-80

0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIF JEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

YEARS

14742 STATION INTL VT

73-60

SEP MONTH

PAGE 1 33

3300-0500

																				10013	L. S. T.
Temp,						WET	BULB 1	EMPER.	ATURE	DEPRE	SION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20 2	21 - 22 2	23 - 24	25 - 26	27 - 28 2	9 - 30	* 31	D.B. W.B.	Dry Bulb	Wer Bulb	Dew Po
767 75			• 3									1		1	İ		l i	2	2		
74/ 73		• 1	• 4	• 3			<u> </u>				[1	- 1	1				6	6		
727 71		• 6	•1											1				5	5	- 5	1
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57 67	• 1	•6	1.5	• 1													1	17	17	16	1
6/ 65	• 1	1.3	1.7	. 4								(}	1	İ			20	20	12	
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52/ 61	• 1	2.2	• 6	. 7		. 1				i l		Ì	i		1			27	27	20	
517 59		4.2	1.1	1.5	.7		1											5.5	55	30	- 2
5-/ 57	. 3	1.9	1.5	. 7	. 7			1		1 1		1		1	į		i .	37	37	39	
51 55	. 1	3.9	1.7	1.0	. 1		 				$\overline{}$				-+			49	49	42	
4/ 53	1.0	6.4			. 1		į	[1 1	{	1	Ì	([87	37	έĈ	1
27 51	1.3		2.1		• 4		 			1		-+			+			73	73	<u> </u>	
5 / 49	. 7		1.3	. 4	. 3		}	 			J	}	}	1	,)	5.2	5.2	91	
44/ 47	. 4		1.4							+		~ +					 	52	52	57	
41/ 45	1.3			- '			1	[i		ĺ	1	1]	39	39	Si	
4/ 43	.6						 			+	-+				\rightarrow		 	27	27	43	
42/ 41	1.1						ì				j			Ì	1		Ì	27	27	31	
46/ 39	1.5			 			 											32	32	42	
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3(/ 35	• 7	1.1		 				 				-+			+		 	13	13	16	
34/ 33	. 4									1 1	- 1		į	1			1	8	8	9	
32/ 31	• 3						 			+							 	12	12	$-\frac{i}{7}$	
31/ 29	.1	. 3		}			}					- 1	1	1	1		ļ	3	3	11	, '
26/ 27		• -		 				 		 		+					 				ļ
21 25							1			1 i	- 1	- {	j	ĺ	ĺ			i			
OTAL	11.8	56.7	10.4	9.0	2.6	• 1	 			┦ ─~┪		-+					 -		720		7
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ry Bulb			1932		37B			9.3			2C			1.0	7.		1.3		1		
for Bulb			5464		362			8.8			20		-+	2.3	4.	_			+		
ew Peint			4124		349			9.2			27-		+-	3.5	3.				-+		
		4/2	7164	<u> </u>	377	ug	46.0	706	0.1		•			2 0 7	٠,٠	<u>u</u>					

GLORAL CLIMATOLOGY SPANCH USAFETAC AIF WEATHER SERVICE/MAC

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

14742 EURLINGTON INTL VT 73-8C SEF
STATION STATION NAME YEARS MONTH
PAGE 1 0600-6800 HOURS (L. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

																			HOURS (s. t.i
Temp.							BULB '										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 . 20	21 - 22 2	3 - 24 25	- 26 27	7 - 28 29 -	30 = 31	D.S. W.S.	Dry Bulb	Wet Bulb	Dew Po
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74/ 73		.7	. 4							}	}		į	(1		8	8	1	
72/ 71		.7	•6							1							9	9	7	
70/ 69	• 6	1.1	1.5	. 1			1				1 1	1		1		;	24	24	14	1
65/ 67	. 1	1.5		• 1	• 1									-	i		22	22	18	1
66/ 65		.8									1 1	- 1	1	-	1	1	17	17	15	1
64/ 63		3.1		• 7	. 1					 			-			:	35	35	27	$\frac{1}{1}$
62/ 61	. 1	1			. 4						[[- 1	İ		!		38	38	23	3
61/ 59	. 1						 			 		-+					49	48	39	i
5:/ 57	. 1									1			ĺ				49	49	31	~
56/ 55	• 4			. 8	• 1		_					+			+		€ 5	65	59	3
54/ 53	. 4				. 1		1			1					1		89	39	56	Š
52/ 51	1.3			. 6						 				_			79	79	8.3	7
56/ 49	1.5				. 3		1			1			ļ				53	53	95	7
41/ 47	• 3			.7			1 -				1						47	47	58	;
4 / 45	. 1	1 -										i	}	}			26	26	39	6
44/ 43		+					1			 	1	-+				- 	28	28	37	4
42/ 41	. 3		1]						1							28	28	33	ż
45/ 39	• 7						 			 	1-1			- +-		-+	19	19	33	3
38/ 37	1.1] ,		ı)]			l	1	16	16	14	3
31/ 35	- 4			-			 			 							5	5	12	
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36/ 29	. 3			Ì	1 1		1			ŀ	1 1	}	}	- 1	l	i	2	2	7	
28/ 27		 					 			1	1	+								
26/ 25		[[[1				1 1	- 1	- 1		1			ŀ	1	
OTAL	5.8	54.9	26.0	8.5	1.9		 			 	-			- +-			+	720		72
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Element (X)		ZXI			Z X		X	• 1	\Box	No. O	18.				leon No. e	f Hours wi	th Temperet	ute		
Rel. Hum.		540	6537		619	89	86.1	9.6	35	7	20	2 0 F	: 32	F	≥ 67 F	≥ 73 F	• 80 F	■ 93 F		otal
Dry Bulb		212	999G		386	46	53.7	8.7	99	7	20		i	• 3	5 • O	1.1				9
Wet Bulb		195	6154		370	26	51.4			7	20			• 3	5.0	• 1		1		4
Dew Point		182	3212	Γ	356	5 n	49.5				20			• 1	4.4	• !		T	\rightarrow	<u> </u>

GLUBAL CLIMATOLOUY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLIN

BURLINGTON INTL VT

73-80

SEP

PA

0900-1100

																			_	HOURS (L	. S. T.)
Temp.								TEMPERA						,				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8			13 - 14 1:	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	- 30	× 31	D.B. W.B.	ry Bulb	Wet Bulb	Dew Po
BE/ 85			1 1		ĺ	. 1	.							1	Ì	1		1	1,	1	
F4/ 83				• 1			<u> </u>											2	2		
F7/ 31			• 1	• 1	1	1	Ì		- 1						1			3	3	i	
80/ 79			• 4	• 6			L	LL										7	7		
757 77		• 1	- 3	. 4]							_			i		6	6	3	
76/ 75			• 6	. 7	• 1	l	<u>L</u>											10	10	4	
74/ 73		. 4	• 8	1.4	• 1	• 1												2 2	22	11	
72/ 71		• 1	1.3		_ •6	. 3	.4			. (1 [i			26	26	10	1
71/69		• 8		. 4	1.3	- 4	- 1											36	36	11	
6c/ 67		• 8	1.3	. 7	1.5	- 6	-1	• 1	- 1	1				1 1				37	37	29	1
66/ 65		1.7	1.9	2.4	1.4	• 8	• 4											62	62	29	2
£41 63		1.1	1.7	1.5	1.3	1.3	• 3			{				j	}	i		51	51	28	4
62/ 61		1.7	2.6	2.5		• 4	• 3											6.5	65	44	1
61/ 59		2.9	2.2	3.5	1.4	. 3	1	}	Ì	1				1 1		-		74	74	5.7	3
58/ 57	• 1	2.1	2.6	1.8	.8	. 4												57	57	66	3
56/ 55	• 4	2.5	3.1	2.5	1.4	.4	· l		- 1						}			74	74	9.6	7
54/ 53	- 1	2.9	3.1	1.8	.8	• 3												65	65	91	5
52/ 51	. 7	1.8	3.8	. 4	.6	ì	}]]	Į]				1 1				5.2	52	64	7
56/ 49	• 3	1.4	1.1	1.0	.6		1			-								31	31	74	6
40/ 47		• 8	. 4	. 4	ļ	1) ;	J]				1 1	-			12	12	49	6
46/ 45	• 1	1.0	• 6	• 1	• 3		 							1				15	15	27	6
44/ 43		. 3	. 4	. 1		j]										6	6	17	4
42/ 41		• 3	• 1	. 4		1	1											6	6	15	- 2
4L/ 39						i	į.													3	2
3e/ 37						[1			-				1 1						5	1
76/ 35			ŀ				ļ							1					-	1	
34/ 33					\vdash	 	 -		$\neg \neg$												
32/ 31							ł] }		1					1				1	İ	
301 29					 		 	 		· · · · · ·				 							
OTAL	1.9	22.8	37.3	23.9	13.9	5.4	1.8	• 1		ľ				1		i			720		72
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						Į	}		ļ				1		}						
Element (X)		Z X 2			ZX	'	X		7-	No. Ob	.		L		Mean No.	of Hou	irs with	Temperatu	re		
Rel. Hum.		419	0055		541	31		12.93		7	20	= 0	F	≤ 32 F	≥ 67 F	1	73 F	≥ 80 F	- 93 F	1	otal
Dry Bulb		264	9402		432	96		7.98		7.	20				18.	8	6.4	1.1			9
Wet Bulb		227	0323		400	57		7.62		7	20		_		8.	В	2.5				9
Dew Point		199	5825		373	75		8.80		7	20			1.0	5.		1.3				9

GLOWAL CLIMATOLOGY PRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4742	80	RLIN	GTON		L VT	AME				73-8	.0			YE	AR5					SE MON	
																		PAGE	1	1200-	-1400
Temp.						WET	BULB	EMPER.	ATURE	DEPRES	SION (F		*-					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8					17 - 18 1			- 24 2	5 - 26	27 - 28 29	- 30 =			ry Bulb	Wet Bulb	Dew Poin
91/ 89							• 3										1	2	2		
PE/ 87						• 3	+										1	3	3		
86/ 85	l			,		• 6						- 1		į	1	i	1	4	4	!	
84/ 83 82/ 81				- 1	3 (1	• 3	+			├──-								4	4		
26/ 79	ł			• 3	1.4	. 4	1	• 1		1 1	1			į		!	!	14	14	,	
781 77				• 3	• 4 • 4	. 7			• 1	 			-+		- i -			16	16	7	
76/ 75	ŀ		. 1	. 7	. 8	. 8	! 1	.6	• 3	1					1	į	- 1	28	28	5	1
74/ 73		• 1		1.1	• 6	1.1		• 6	• 1	1				-				37	37	12	ė
72/ 71	l		1.0	. 4	1.1	1.0	1	.6	. 1]			j	!		j	40	40	15	12
71/69			1.3	• 7	1.4	1.7	1.0	- 4	• 1						1			47	47	19	10
68/ 67	• 3	• 8	1.3	• 6		1.7		. 4										59	59	30	
66/ 65	ĺ	• 7	• 6	1.4		2.4		• 8		1	1	1		j	}		1	59	59	33	2.8
64/ 63		- 4	1.7	1.8	2.5	1.4		• 3						i		$ \perp$		65	65	38	17
62/ 61		. 7	2.1	1.9	1.9	2.5	1 .	i j		}			İ	İ	!			71	71	5.3	26
5E/ 57	• 1	1.5	1.3	1.8	1.9	2.1				 					-		+	55	60 55	65 74	<u>28</u>
56/ 55	• 3	. 8	1.3	1.8	1.8	1.0	ľ			1 1	1			1				49	49	87	59 66
54/ 53	• 3	1.8	1.1	1.7	1.1	.8	_			 					-+			49	49	65	61
52/ 51	. 7	. 7	. 6	. 3		.7	1 1]	i]		İ	1	21	21	60	64
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48/ 47	[- 1	. 1	• 6			1							_ }	1		1	8	8	3 C	45
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42/ 41	j						1			1							į			10	45
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36/ 35							}			\longrightarrow							\rightarrow				11
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Element (X)		2 x '	2	:	Σχ		X	• <u>*</u>	_	No. Obs.								Temperatu			
Rel. Hum.			8602		464		64.5			72		5 0 F	≤ 3	2 F	≥ 67 F	2 73		→ 80 F	≥ 93 F		otal
Dry Bulb Wet Bulb			6877 4233		461		64.1	8 • 3°		72			 		33.4		. 1	4 - 1	 		90 90
מועם זעה		630	7633		711	14	31 . U	100,	, u				1		<u>L L</u> • .	41 . J	5 • 1 [L		90

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-80

SEP

MONTH

PAGE 1 15CG-1750

ROURS (L. S. Y.)

Temp. WET BULB TEMPERATURE DEPRESSION (F)

TOTAL TOTAL

Temp.						WET	BULB 7	EMPER	ATURE	DEPRE	SSION	F)				_		TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	e 31	D.B. W.B.			Dew Por
96/ 89	_						• 1							1				1	1		
88/ 87						• 3	• 3											4	4	1	
EE1 85			_	• 3	• 1													3	3	+	
94/ 83		1 1		. 1	. 1	. 4]			1	5	5	į	
52/ 81				• 3	• 6	. 4			• 1						!			10	10	1	
EC/ 79		[[• 3	1.3	.7	• 4	• 3				(i i			I	21,	21	2	:
76/ 77				• 1	• 6	. 4		• 1	. 1	• 3					<u> </u>		•	18	18	6	
76/ 75		ļ ļ		• 8	.7	• 7	1.4	. 4	. 1	į				i	! !		r	30	30	6	
74/ 73		• 1	. 6	1.1	• 6	1.5	• 7	• 6	• 3								•	39	39	8	
72/ 71			. 6	• 6	1.1	1.5	. 7	• 6	. 1						i :			3.7	37	15	1
76/ 69			• 7	• 8	•6	1.0		1.1	• 1						i :			40	40	23	
68/ 67		- 3		1.1	2.1	1.7	2.2	. 7	• 1									6.7	67	22	2
66/ 65		1.0	1.0	1.1	1.8	1.7		• 4						1			1	68	68	34	1
64/ 63	_ •1	1.3	_ • 1	1.5		2.1		• 3						t :	i			6.3	63	48	2 !
62/ 61		1.4	- 8	1.3		2.4	1.1] —				1			1	67	67	5.5	3,
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UIAL	1.03	* * * '	11.3	1402	£ U • 8	£ U • U	1 4 6 4	7 . 4	1.07	• 3								720	120	720	72
Element (X)		Z X²			Z X		X	·,		No. Ob	s.	لــــــا		L	Mean N	o. of H	ours with	Temperati	yre .		
Rel. Hum.			6106		456		63.4				20	≤ 0 1		32 F	≥ 67		73 F	≥ 80 F	≥ 93 F	T	otal
Dry Bulb			٤735		463		64.3				20				34	. 4	16.4	4.5	וֹ		9
Wet Bulb			7588		410		57.0				20				10	. 4	2.9		L		9
Dew Point		192	8734		366	J2	50.8	9.7	27	7	20			2.8	6	- 4	1.1	I			91

GLUPAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BURLINGTON INTL VT 73-80 1800-20u0 PAGE 1 HOURS . L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 - 31 D.S. W.S. Dry Bulb Wet Bulb Dew Point (F) 56/ 85 1 14/ 83 82/ 81 • 3 5 5 11/ 79 • i 7.1 77 • 1 Y 9 76/ 75 . 7 11 74/ 73 • 3 • 6 • 6 . 1 13 13 . 4 721 71 20 20 1.7 71/ 69 . 4 1.0 . 4 . 1 34 341 13 3 . 6 . 6 . 7 2.5 1.1 47 601 67 1.4 • 6 • 3 47 7 5 U 66/ 65 1.9 1 • 4 1.5 1.7 • 1 50 38 €-64/ 63 2.5 .6 1.9 53 53 40 33 E21 61 1.9 2.1 67 1.8 2.4 . 6 67 55 £ 1 59 1.9 2.4 2.3 2.4 77 77 47 5+/ 57 2.2 2.8 5â 61 25 1.1 1.4 58 54/ 55 1.7 2.8 1.9 2.1 € 3 63 64 66 54/ 53 2.2 2.1 2.4 1.0 61 67 58 61 52/ 51 2.6 3.8 73 55 1.3 63 63 56/ 49 83 1.0 1.1 . 4 20 20 63 • 3 1.5 48/ 47 1.0 1.3 56 67 . 5 33 46/ 45 • 6 29 • 6 14 14 41 . 4 44/ 43 . 4 10 10 5 (. 6 16 42/ 41 24 49 . 1 40/ 39 11 31 38/ 37 13 8 36/ 35 17 33 341 12 32/ 31 15 367 29 727 TOTAL 1.823.924.223.219.6 4.4 2.2 723 720 720 No. Obs. Mean No. of Hours with Temperature Element (X) 720 73.713.808 € 67 F Rel. Hum. 4350860 ≥ 73 F 53084 ≤ 0 F ≤ 32 F * 80 F ≥ 93 F Dry Bulb 42921 59.6 8.119 720 2606027 18.3 5.6 1.1 57 Wet Bulb 2216968 39546 54.9 7.903 720 5.8 2.3 90 720 50.3 9.349 Dew Point 1923138 36598 4.5 90 2 . 4 1.3

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AC FORM 0-26-3

GLUBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742	لنو	RLIN	GTUN		_					73-	٤٤									EP
STATION				57	FATION NA	ME								YE	ARS		PAGE	1	2100	-230
Temp.							BULB 1										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 ≥ 31	D.B. W.B.	ry Bulb	Wet Bulb	Dew Po
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76/ 75	į	• 6	• 3	• 1						}							7	7		
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64/ 63	. 7									ļ		<u> </u>					4.5	45		2
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56/ 55	• 6		2.9	1.4						 	ļ	Ļ	L				54	64	1	4
54/ 53 52/ 51	• I	4.4	1.9	1.8		• 1				1		[[1		EJ	60	! - !	- 5
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44/ 43	• 1	1.5 2.6	. ,	1.0	1 1												34	34	- [
42/ 41	• 3			• 1			 			ļ	<u> </u>			-			18	18	26	<u>ذ</u> 5
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Element (X)		Σχ²			ZX		Ī	ø,		No. Ob	s.	L	L	<u></u>	Mean No.	of Hours wi	th Temperatu	re		
Rel. Hum.			5326		588		81.7				20	± 0 !	F :	32 F	≥ 67 F	≥ 73 F	≥ 80 F	e 93 l	FT	otal
Dry Bulb			5611		402		56.0				20				9 و 9	3.0				ÿ
Wet Bulb			4626		381		52.9				20				4.9	1.8	3			9
Dew Point		137	£263		361	69	50.2	9.0	33	7	20			2.9	3.6	• 9		Ţ		9

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-26-3 OL A RAL CLIMATOLOGY ERANCH FELTAC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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RITON				STATION	NAME							٧	EARS					
															PAGE	1 _	AL	Ļ
					W F 7	BULB		ATURE	DEBBE		(E)				70741		TOTAL	. 3
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ient (X)		z×,		z x	$-\downarrow$	<u> </u>	- °,		No. OI	·s.		1			h Temperatu		<u>-</u>	
Hum.											± 0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	• 93 F		otal
Bulb							 				 	 	 		 	 	+	
Point							 -	-+-			 	 	 		 	 	- i	

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIF HEATHER SERVICE/MAC 14742 BURLINGTON INTL VT STATION NA

PSYCHROMETRIC SUMMARY

73-80 SEP YE ARS MONTH PAGE 2 ALL HOURS 14. 5. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 *31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 5-134-8 21-6 15-5 11-1 6-7 3-7 1-1 -3 -3 -0 576 3 (F) TOTAL 5760 5760 No. Obs. Element (X) Mean No. of Hours with Temperature 35511451 443317 77.315.545 Rel. Hum 5760 ≥ 67 F ≥ 73 F ≥ 80 F = 0 F ≤ 32 F ∗ 93 F Total Dry Bulb 10951589 334453 58.1 9.638 5760 3.7 137.4 49.9 10.4 720 53.9 8.495 50.3 9.281 725 720 17131563 310301 55.6 5760 4.5 13.1 Wet Bulb 289814 5760 20.1 37.9 5.7

AC FORM 0.26-3 (OL A. PREVIOUS EDITIONS OF THIS TOP! - PE OBSOLET

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUTAL CLIMATOLOUY REALCH USAFETAC ATE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-80 OCT

STATION STATION NAME VEARS MONTH

PAGE 1 FUNC FULL

HOURS U.S. T.

Temp.

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

			_					_											но∪#5 .	5. 7.
Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26 2	7 - 28 29	- 30 - 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
721 71					• 1								i			•	1	1		-
71/ 69)	i	i	• 3]					i	ĺ	:			2	2		
60/ 67				• 1	• 3		<u> </u>											3		
66/ 65			• 1	. 6	• 3	ĺ	(1			ĺ		1	i			7	7		
64/ 63			. 4			• 3	. 4										11	12	4	
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41/ 45	. 6	4.4	1.0		1		1						1	:			56	5.0	ن 5	51
44/ 43	• 7		• 9	2.1			1							:		1	5.2	56	5.5	5.3
42/ 41	i	3.0	2.7		1			! ;				j		;			54	57		34
41/ 35	1.3	3.0	2.0	.7													49	5.5	5.3	20
38/ 37	• 7	2.1	3.1	. 4	}		1	j l				- 1	}				45	50	€ 8	37
30/ 35		3.4	2.6	• 6											1		46	47	43	5 9
34/ 33	3	2.4	1.7	. 9	,	ļ	}]					1	(į.		37	37	49	42
34/ 31	• 7	4.3	1.9	• 3	• 1												51	51	46	6 1
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261 27	• 1	• 6	. 4														3	5	30	3 9
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CTAL	<u>ે •</u> છ	42.2	23.1	16.1	7.0	1.9	• 0											744		702
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Element (X)		Z x²			ZX		X	- F	$\neg \neg$	No. Ob	s.				Mean No.	of Hours wi	th Temperat	UTE	l	<u> </u>
Rel. Hum.		439	4239		545	47	77.7	14.9	09	7	02	20F		32 F	≥ 67 F	≥ 73 F	≥ 80 F	• 93	F .	Tatal
Dry Bulb		152	5237	1	328			9.7		7	44		T.	12.0	• 8		1	7		9.
Wer Bulb		123	E377		287	79	41.3	9.1	17	7	02			19.1						9
Dew Point			6120		260		37.0				02			35.1		+				4

GLUPAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICEZAAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-57

STATION STATION NAME YEARS

FAGE 1 0300-05000 Hours L.s. t.

							5.00 5	6-		20055										HOURS .	
Temp. (F)		,			,		BULB '						40 0					D.B. W.B.	D. B.	TOTAL	0 5
£67 65	0	1 - 2	3 - 4	5 - 6		9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	6,		Wet Buib	Dew Po
64/ 63			3			1	į))	ļ	i			ĺ			1	6)		
527 61	•1	7	.7	• 1					 									18	20	4	
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46/ 45	• 1	4.3		1.1														44	45	52	
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3.1.29	1.1	2.7	1.0									j				1		34	34	39	4.
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2.7 19		• 3	<u> </u>		 				ļ							i		2	2	2	1
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14/ 13		l		l			ì		l	}		· }				i		1	-		
TOTAL	12.1	43.7	24.5	15.7	2.4	1.6	 	ļ		ļ								1 353	744	700	7 L
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Element (X)		Z _X ²			ZX		¥	•,	<u> </u>	No. Ob	. 1				Mean No	of Ho		th Temperati	460		
Rel. Hum.			12322		560	76	79.9				02	= 0 F		32 F	≥ 67 (73 F	≥ 80 F	- 93 F		Total
Dry Bulb			0704		319		42.9				44			16.5		- -		+	+		9
Wet Bulb			6319		281		40.1				32			22.5		+-		 	+		
Dew Point			3253		256		36.5				<u>u2</u>			38.2	 	+		 	+		
		_ * ` *	<u> </u>	Ц		- -		- 5 - 7	<u> </u>		<u></u>			2012	<u> </u>			ــــــــــــــــــــــــــــــــــــــ			

C FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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Dew Point

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36.810.472

GEFFAL CLIMATOLOGY BRANCH USAFETAC AI- WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION 14742 73-30 CCT 0600-3800 HOURS ... S. T. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 7 / 69 • 1 1 1 64/ 67 • 1 66/ 65 . 1 3 • 31 3 641 63 . 9 621 61 7 • 6 • 1 15 13 61/ 59 . 9 . 6 1.0 • 6 5+1 57 1.0 1.0 1.3 32 33 19 19 56/ 55 .4 1.1 . 1 • 1 20 16 -4/ 53 1.4 1.1 1.3 27 28 13 52/ 51 .7 1.7 2.0 38. 36 37: 51./ 47 .3 2.7 1.7 39 43 361 16 487 47 . 3 3.6 1.4 52 54 47 44/ 45 .1 5.3 1.6 . 1 54 57 42 41 44/ 43 .1 2.1 2.0 • 7 • 1 36 -44 5 0 52 • 9 42/ 41 .9 3.3 1.3 4 5 46 51 49 45/ 39 .4 4.3 3.6 € 3 41 31 34/ 37 1.1 3.3 3.7 . 7 57. t 3 56 46 35 .4 2.3 2.7 44 59 44 34/ 33 3.3 1.4 36 38 47 34 32/ 31 .7 3.3 1.3 35 50 38 63 31/ 29 1.1 2.0 2.7 41 38 41 46 2.1 27 1.6 1.6 22 22 39 37 7./ 25 .1 1.0 Q 37 8 25 24/ 23 22/ 21 <u>•</u> 6 4 4 11 B 21 2 33 20/ 19 16 11/ 17 14 16/ 15 1-/ 13 1 TOTAL 16.144.929.512.3 2.6 743 701 701 ZX -,x Element (X) Zy ¥ No. 06s. Mean No. of Hours with Temperature 80.213.105 4630303 701 . 80 F . 93 F 56231 5 0 F ≤ 32 F e 67 F e 73 F Total 31936 43.0 9.617 Dry Bulb 1441312 14.5 743 28221 1196447 40.3 9.280 21.3 Wer Bulb 701

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GECTAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-8C OCT STATION YEARS STATION NAME MONTH 0990-1160 PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 7:1 . 1 76/ 75 • 1 72/ 71 69 6./ 67 65 18 • 6 1. . 9 1.0 54/ 63 17 18 1.41 61 9 Fil 59 20 23! 5.7 31 35 14 56/ 55 2.3 • 1 1.0 1.1 43 36 21 547 53 2.4 2.1 55 28 22 60 2.9 12/ 51 2 • 4 54 59 56 2.1 2.1 49 40 1.9 36 • 3 48 61 45 / 47 2.6 1.6 1.4 44 49 57 59 45 41./ 55 3.1 2.1 1.4 43 44 44/ 43 3 . 4 3.3 2.1 69 50 65 421 41 2.4 3.6 2.6 69 69 42 6 G 46/ 79 2.0 2.0 . 6 45 45 56 57 3 / 37 1.7 1.7 37 1.1 37 64 .7 1.9 1.3 29 29 43 34/ 33 1.6 19 19 34 33 72/ 31 . 7 . 1 15 15 47 32 24 31 211 27 10 26/ 25 21 24/ 23 10 72/ 21 18 21/ 19 1t/ 15 14/ 13 ZX' ZX No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 1 32 F Dry Bulb

RM 0.26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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Wet Bulb Dew Point GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Rel. Hum.		394	2837		515		73.7	14.4	62		699	≤ 0	F	± 32 F	≥ 67 F	_	≥ 73 F	- 80 F	≥ 93	F	Total
Dry Bulb			C861		359			9.0			744			2.3	2.	3	• 5				9.
Wet Bulb			9335		309			8.7			699		\Box	8 • 2		1					٧.
Dew Point		117	5043	31	276	97	39.6	10.5	43		699	1	- [24.7		1		1	1	1	9:

RAY G-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

SLEMAL CLIMATOLOGY BEAUCH USAFETAC ATE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BUPLINGTON INTL VT ⊌C T 73-80 STATION STATION NAME MONTH 1200-1490 PAGE 1 HOURS IL. S. T. Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point ·2/ 81 Sc/ 79 787 77 2 76/ 75 • 1 747 72/ 71 . 3 1.C 14 12 • 1 •1 767 69 10 10 1.0 6.7 67 . 4 19 21 (6/ 65 30 32 £41 63 29 38 . 6 16 tiel 61 32 . 1 1.0 38 . 7 65/ 59 32 14 1.1 36 16 • ? 1.0 55/ 57 • 1 1.5 35 41 3 **3** 1.3 1.9 5 1 55 48 34. 1.1 . 7 53 50 33 27 641 53 1.4 1.7 1.3 1.0 • 1 51 1.4 • 1 1.7 52/ 51 • 3 1.1 2.4 1.0 45 47 25 46 521 40 • 1 1.4 1.6 1.9 5.7 59 58 31 2.3 2.6 45/ 47 1.1 1.4 30 . 1 • 1 63 63 60 46/ 45 1.4 1.3 2.1 55 56 49 46 1.0 • 6 44/ 43 1.3 1.9 1.4 42 42 43 51 54 1.4 51 42/ 41 65 1.1 3.4 39 . 9 35 46/ 1.4 1.3 35 35 61 • 9 . 6 301 37 • 6 1.3 27 48 41 9 3c/ 35 40 1.3 49 34/ 33 27 **š**(. • 3 • 6 22/ 31 16 17 36 3. / 29 201 27 27 241 25 وَ ف 24/ 23 11 22/ 21 21/ 19 1:/ 17 16/ 15 Element (X) ZX ≥ 67 F ≥ 80 F Rel. Hum. 2 0 F ≤ 32 F ≥ 73 F e 93 F Total Dry Bulb Wet Bulb Dew Point

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIA WEATHER SERVICE/MAC

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

T	emp.	WET BULB TEMPERATUR	E DEPRESSION (F)	TOTAL	TOTAL
				PAGE 2	1230-14UC
51	ATION	STATION NAME	YEARS		MONTH
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GECEAL CLIMATOLOGY ERANCH USAFETAC AI: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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FORM 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBJOIETE

USAFETAC

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GUCBAL CLIMATOLOGY EPANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	BURLINGTON INTL VT STATION NAME										-73-80 YEARS PAGE							£ 2	CCT MONTH 2 1500-1700 HOURS (C.S. T.)		
Temp.	WET BULB TEMPERATURE 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16										DEPRESSION (F)						TOTAL		TOTAL		
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20 2	1 - 22 2	23 - 24 2	5 - 26 2	7 - 28 29	30 + 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew P	
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GLICAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

14742 SURLINGTON INTL VT 73-50 OCT YEARS STATION MONTH STATION NAME PAGE 1 1800-2000 HOURS ... 5. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 767 75 • 1 1 74/ 73 • 3 2 777 59 •1 681 67 • 1 • 3 6 8 10 667 65 1.1 64/ 63 . 4 17 15 6 627 61 1.3 30 33 10 4 1.3 .7 22 ¢. EU1 59 . 7 . 1 21 : 6 507 35 35 57 1.1 1.3 -6 56/ 55 1.0 34 19 2.0 37 • 1 547 53 1.7 1.4 2.4 47 53 23 . 6 15 52/ 51 1.7 . 1 47 55 44 2.4 1.7 49 2.0 .7 49 51 49 31 507 2.4 1.6 58 4 - / 47 2.7 1.9 2.0 1.7 58 66 56 41/ 1.9 58 50 €Ĉ 45 1.9 2.3 63 1.3 2.3 1.3 44/ 43 1.4 2.1 . 1 5.2 53 46 55 52 54 52 35 42/ 41 3.0 2.3 46/ 39 3.4 1.9 5.2 52 61 31 1.7 30/ 37 2.0 2.7 1.6 48 48 63 33 .1 51 36/ 35 • 1 1.9 1.6 2.0 41 41 62 34/ 33 18 18 46 4. • 6 25 75 32/ 31 • 6 1.0 16 16 • 6 29 26 41 321 • 1 201 27 27 14 261 25 37 24/ 23 72/ 21 1 21/ 19 15 1:/17 1-/ 13 14/ 11 TOTAL 7.025.227.524.614.5 3.7 1.4 744 702 7 C 2 No. Obs. Mean No. of Hours with Temperature Z X' Element (X) 70.315.252 Rei. Hum. 3632199 49349 702 ± 0 F ⊴ 32 F 267 F 273 F 280 F 47.9 9.054 43.2 8.710 37.810.726

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THIS FORM ARE OBSOLETE PREVIOUS EDITIONS OF ₹ ಠ ó

Dry Bulb

Wet Bulb

Dew Point

FTAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLCTAL CEIMATOLOBY PRANCH USAFETAC AIF WEATHER SERVICE/MAC

14742	BURLINGTON INTL VT	73- 80			OCT
STATION	STATION NAME		YEARS		MONTH
				PAGE 1	2100-2300

																	HOURS L.	5. T.
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SECTAL CLIMATOLOGY BRANCH USAFETAS AIH HEATHER SERVISEZMAS

PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FORM 0.26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUCAL CLIMATOLOGY PHANCH USFFETAC AIC MEATHER SERVICE/MAC

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GETRAL CLIMATOLOGY SMANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Temp.						WE.	T BULB	TEMPER	RATUR	E DEPRE	SSION	(F)						TOTAL		TOTAL	
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Dry Bulb			3197		259			10.3			20			32.9					1		
Wet Bulb		<u> </u>	9379		239		33.2	9.5	59		20		T	42.8		1					
Dew Point		υ5	€879	1	202		28.1				20		. 4	61.3		- T -					,

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DISACETAC FORM COLUMN

GECHAL CLIMATOLOGY GRANCH USAFETAD AIN WEATHER SERVICE/MAC 14742 EURLINGTON INTL STATION STAT

PSYCHROMETRIC SUMMARY

EURLINGTON INTL VT 73-50 NOV VE ARS STATION NAME MONTH 0300-0560 PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 . 2 :4/ 63 • 1 • 1 . 3 827 61 7 FC7 59 3 • 4 • 1 51 / 57 Ö 517 55 . 4 ð 14/ 53 17 1.0 17 -1 16 527 • 8 16 15 . 4 1.5 • a 51/ 49 1.1 3 0 30 13 40/ 47 . 8 31 31 15 . 7 • B 40/ 45 1.0 22 22 38 1.1 • 1 22 44/ 43 1.3 2.4 • 8 • 6 39; 39 19 1.5 2.1 45 45 42/ 41 1.3 41 50 50 35 1.9 16 4./ 1.7 . 6 • 1 34/ 37 1.7 2.2 2.1 44 44 40 32 • 3 . 3 54 54 36 36/ 35 2.4 2.9 47 4.3 2.9 34/ 33 62 62 63 44 • 3 . 1 31 5.1 . 8 5 9 59 78 64 341 1.1 5.2 29 4.0 52 56 41 7 **54** 27 59 3.5 1. 1.5 43 43 2+1 25 2.6 35 35 ۲.3 67 1.1 1.1 •6 20 24/ 23 1.4 17 17 40 53 50 18 22/ 21 1.8 18 16 19 19 21/ 19 1.1 1.5 27 11/ 17 • 3 12 12 9 1:/ 15 1.7 15 15 11 • 1 <u>.</u> 3 14/ 13 6 6 17 31 • 6 -2 12/ 11 . 7 5 5 5 9 10/ . 8 6 Ę. 5/ 3 4/ 21 ZX: Zχ No. Obs. Mean No. of Hours with Temperature Element (X) **7** x £ 32 F Dry Bulb Wet Bulb Dew Point

M. 0.26.3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM CATAC

SEURAL CLYMATOLOGY SRANCH USAFETAC AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMAR'

4742 BURLINGTON INTL VT NOV 73-07 VEARS 0300-0500 HOURS NO. 5. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31 D.B. W.B. Dry Bulb Wer Bulb Dew Poir 720 72 (F) TOTAL 720 ZX No. Cbs. Zx Mean No. of Hours with Temperature Element (X) X 74.915.131 Rel. Hum. 4230138 53896 720 10 F ± 32 F ≥ 73 F ≥ 80 F ≥ 93 F Total 25545 720 Dry Bulb 984223 35.410.597 35.9 P38962 23540 32.7 9.820 727 Wet Bulb 46.8 544427 19963 27.711.245 720 62.1

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC FORM

SECRAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC 14742 BURLINGTON INTL

PSYCHROMETRIC SUMMARY

BURLINGTON INTL VT 73-87 NOV STATION STATION NAME MONTH PAGE 1 0600-4840 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) • 1 EE/ 65 1 Q 621 61 5.7 59 5 . : 6 5:1 57 3 7 5E7 17 55 1.0 1.0 17 ٤ £4/ 53 11 11 • 1 • 1 11: ē 51 1.7 .1 22 • 4 8 23 21 5. / 49 . 8 2.3 . 4 47 • 4 21 12 • 8 24 46/ 45 1.3 26 25 l3 36 21, 13 36 44/ 43 1.3 2.1 . 8 41/ 41 . 6 • 8 1.4 • 3 34 34 46 31 . 8 44 44 21 37 1.4 47 47 3.1 3.5 41 4. 35 1.5 2.6 • 6 45 05 47 44 361 1.3 <u>: 1</u> 33 3.5 51 72 46 71 5.0 €7 31 1.9 67 66 1.3 2.8 47 47 5.5 2.1 64 53 01 27 4.2 56 56 2.6 29 54 29 57 24 / 25 2.8 24/ 23 1.4 16 16 40 . 4 121 1.5 21 1.9 • 1 20 ۔ 6 30 12 17 17 1.8 44 25/ 19 10/ 17 38 • 6 16/ 15 1.5 13 13 ь 14/ 13 9 91 17 5 14/ 11 5 • 6 5 1.3 13 10 10/ 7 41 Element (X) IX' ZX No. Obs. Mean No. of Hours with Temperature 10 F 5 32 F Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total Dry Bulb Wer Bulb

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE.

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Dew Point

GLOBAL CLIMATOLOGY PHANCH USAFETAC AIR WEATHER SERVICE/MAC 14742 BURLINGTON INTE

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

(OL A)

0.26.3

Dew Point

646541

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-80 HOA YEARS MONTH 2600-3860 HOURS ... S. T. PASE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9-10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) TOTAL 11.042.629.410.0 4.3 1.7 720 720 No. Obs. Mean No. of Hours with Temperature Element (X) ¥ Rei. Hum. 4234331 54247 75.714.598 720 ≤ 32 F ≤ 0 F 267 F 273 F 280 F ≥ 93 F Total 25252 35.110.977 72C 972278 Dry Bulb 38 - 1 n33135 23371 32.510.174 720 47.0 Wet Bulb

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GLURAL CLINATOLOGY TRANCH USAFETAC ATH WEATHER SERVICE/MAC

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Vet Bulb															_		<u> </u>		
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Rel. Hum.			8745				72.6				720	=	0 F	≤ 32 F	≥ 67		73 F	→ 80 F	- 93	F	Total
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GLEGAL CLIMATOLOGY FRANCH USAFÉTAC AIN WEATHER SERVICEZMAC

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Element (X)		ZX'			Z X		¥	₹ K		No. O	s	·		Mean N	o. of Hou	rs wit	h Temperatur	•		
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Dry Bulb																				
Wet Bulb																				
Day Pales																				

GLUBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

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STATION				S	TATION N	AME							YE	ARS						
										_							PAG	: 2	HOURS I	-140
Temp.						WET	BULB	EMPERA	TURE	DEPRE	SSION (·)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 2	9 - 30	×31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew P
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GLERAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

14742

BURLINGTON INTL

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USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

Temp.		,		,	,					DEPRE						TOTAL		OTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 23	- 24 25 - 2	6 27 - 28 29	- 30 - 31	D.B. W.B. D	y Bulb W	et Bulb D	ew P
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44/ 43		1.1	2.1	1.3	• 1											3 3	3.3	44	
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bry Bulb				<u> </u>				<u> </u>							 				
Vet Bulb				ļ				<u> </u>	 				 	<u> </u>	ļ				
Dew Point						- 1								1		1		1	

GERRAL CLIMATOLOGY PRANCH USAFETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	ا نا	RLIN	bTuN	IN	TL VT	•				73.	- 30									!»(V
STATION				S	TATION N	IAME								YE	ARS			PAGE		1500-	
																					. S. T.
Temp. (F)	0	1.2	3 - 4	5 - 6	7 - 8	9 - 10	BULB	13 - 14	ATURE	17 - 18	ESSION	(F)	23 - 2	24 25 - 26	27 - 28	29 - 30	≥ 31	TOTAL		TOTAL Wet Bulb	Dew P
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Rel. Hum.			5852		292		65.0	16.3	21		7 <u>20</u> 720	= 01	-	1 32 F	≥ 67		73 F	- 80 F	• 93 F		otal
Dry Bulb Wet Bulb			7165		260			9.4			720 720		+	20.9 34.5		• 5		 	 		
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USAFFT = FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLINATOLOGY FRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73-30 14742 BURLINGTON INTL VT NOV STATION YEARS STATION NAME MONTH 1800-2040 HOURS HU S. T.F PASE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 46/ 65 2. 2 • 3 (4/ 63 3 3 52/ E1 3 • 1 61/ 59 . 1 12 12 58/ 57 . 4 • 1 9 9 9 567 55 • 1 • 3 = 4/ 53 • 3 15 15 4 °2/ 51 . 4 91 22 51/ 49 13 1.1 17 • 8 • 1 34 54 45/ 47 1.3 . 7 24 24 16 46/ 1.3 15 45 1.8 1.8 40 4 C 26 2.1 2.1 5.5 5.5 44/ 43 3.2 • 3 48 • 8 461 41 1.4 1.8 2.4 47 47 - 9 20 4.7 39 . 8 2.6 2.8 . 8 51 51 51 33 36/ 37 56 3.1 1.7 1.8 24 56 • 6 361 35 1.3 3.1 2.1 53 50 501 40 34/ 33 3.6 3.5 1.4 61 51 56 44 727 31 ક ક 2.6 4.3 1.5 1.3 68 58 66 1.0 361 29 2.9 33 33 62 57 27 261 • 6 38 38 53 45 267 25 2.2 1.3 27 26 26 57 • 7 24/ 23 1.5 16 25 37 16 22/ 21 • 3 . 7 8 25 47 21/ 19 • 7 • 8 12 17 1.1 35 11/ • 3 10 10 ς 25 22 10/ 15 9 14/ 13 12/ 11 11 1./ 9 7 4 11 7 1 1 Element (X) Σχ² ž X Mean No. of Hours with Temperature No. Obs. Rel. Hum. ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F - 80 F ≥ 93 F Total Dry Bulb Wet Bulb

ORM 0:26:3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM FORM

Dew Point

SEUNAL CETAATOLOGY ERANCH USAFETAC AIR HEAT HER SERVICEZMAC 14742 BURLINGTON INTE

14742 5'A' ON	<u> </u>	NOTON	INT	LVT	LAS.				13-	· έ .]			YEAR						<u>, () iy</u>
			·										•	-		P #	188 ?		
Temp					WET	BULB '	TEMPER	ATURE	DEPR	ESSION	(F)					7074	-	TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24	25 - 26 27	- 28 29	- 30 - 3	1 D.B. W	B. Dry Bull	b Wet Bulb	Dew Pain
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Rel. Hum.	Z X 7	5278		Z _X	= 11	<u>X</u>	14.8	3.	No. 0	bs. '2℃						with Temp			-
Dry Bulb	11	<u>3278</u> 23760		501: 274	74	38.2	10.7	35		20	= 0 F		± 32 F ≥7 • 4	≥ 67 F	≥ 73 F	→ 80	F • 93		Total 5 C
Wet Bulb		24334		249		34.6	9.3	29		20			40.3		 				96
Dew Point		78355		205	<u>. 1</u>	28.6	11.1	91		20	•	4	59.0		1				90

SLEBAL CLIMATOLOGY FRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

14742

BURLINGTON INTL VT

PSYCHROMETRIC SUMMARY

14742 STATION INTL VT 73-80 NOV
| STATION | STATION NAME | PAGE 1 2100-2327 | Holes Last.

																					5. T.	•
Temp.						WET	BULB 1	TEMPER	RATURE	DEPRE	SSION (F)						TOTAL		TOTAL		
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Dry Bulb																						
Wet Bulb																						
Dew Paint																						
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TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY RRANCH STAFFIAC AIR GEATHER SERVICEMMAC 14742 SCHLINGTON INTE VT

PSYCHROMETRIC SUMMARY

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•																				2130 HOLRS	
Temp.						WE.	TBULB	TEMPER	RATUR	E DEPR	ESSION (F)						TOTAL D.B. W.B.			
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 1	6 17 - 18	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28	29 - 30	0 ≥ 31	D.B. W.B.	Dry Bulb	Wet Buib	Dew Po
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Rel. Hum.			6052		<u> 21</u>	74	72.5	14.6	98		20	± 0 F	1	≤ 32 F	≥ 67		€ 73 F	- 80 F	• 93 1	- 1	Total
Dry Bulb			3495		264	21	36.7	10.1	42		20	·		30.9		\neg		1			Ş
Wet Bulb			6584		241			0.4		7	20			41.8					 	1	<u>-</u>
Dew Point		65	8959		202			11.0			20			60.4		-†-		1	1		9

FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 14742 CUBLINGTON INTE

PSYCHROMETRIC SUMMARY

14742 EURLINGTON INTL VT 73-80 NOV

STATION STATION NAME VEARS MONTH

PAGE 1 ALL

HOURS ... S. T. WET BULB TEMPERATURE DEPRESSION (F) Temp 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 #31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 71/ 69 61 67 ó 6 •1 1.61 65 19 641 52 63 • 1 62/ 61 75 75 • 5 • 1 • 1 20 • 1 • 4 63 E.1 59 63 •1 581 57 66 59 b 5 112 55 . 4 112 61 5:7 • 3 64/ 53 . 4 • 3 121 49 t S 5.1 F 1 5 3 175 175 .6 . 4 51/ 49 228 178 1.3 1.1 • 2 228 υĮ 47 1.1 . 9 213 213 165 165 285 4: / 45 1.9 1.3 244 265 117 . 1 • 1 441 43 1.8 1.9 1.3 • 1 336 330 207 14 ? 42/ 41 . 2 1.5 3.1 762 337 151 1.7 1.0 • 1 362 41/ 2.6 442 315 1.6 2.3 442 704 38/ 37 .7 2.3 2.7 1.7 453 453 301 26: • 1 36/ 35 2.3 3.1 449 449 461 299 1.4 34/ 33 422 3.1 2.3 422 573 721 31 3.8 2.4 486 486 501 561 36/ 29 •6 319 319 445 436 2 . 3 2.3 2.6 281 27 1.9 306 366 368 3 = 0 26/ 25 2 • 2 215 417 215 39c 24/ 23 1.3 13C 130 234 237 • 6 1.3 117 72/ 21 117 172 395 •5 97 97 127 430 19 2.7 17 • 3 70 70 25L 10/ .6 70 67 167 15 67 60 14/ 13 • i 35 35 74 154 17/ 11 • 3 16 16 145 9: 20 21 7 53 14 : [23 Z K' ZX No. Obs. Mean No. of Hours with Temperature 2 67 F Rel. Hum. . 80 F 50F : 32 F ≥ 73 F ● 93 F Total Dry Bulb Wer Bulb Dew Point

FORM 0.26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE

GLCBAL CETMATOLOGY SPANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION				5	TATION N	AME				→3 = 1				Ϋ́E	ARS					
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Temp.						WET	BULB	TEMPER	ATURE	DEPRES	SION ((F)								
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Rel. Hum.			4.363		4106	1.2	71.3			576		2 0 F	Τ,	32 F	≈ 67 F		* 80 F		F .	Tetal
Dry Bulb			2123		2168	11	37.6	10.7	15	576				34.9	1.		·	1 7		
Wet Bulb			4858		1974		34.3	9.7	57	576				18.9		1				
Dew Paint			3564		1645			11.2		576		3.		79.2		· 		 		

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GEUNAL CLIMATOLGUN HRANCH USHFETAC AI: WEATHON SERVICEZMAC

PSYCHROMETRIC SUMMARY

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A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE O FORM 0.26-3 (GLOCAL CLIMATOLOGY ERANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL DEC_ V T 73-8 PAGE 3 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point -1./-11 4 -1./-13 1 7 -14/-15 -1:/-17 -13/-19 13 -21_/-21 - ^2/-23 1, 1 1 -24/-25 -26/-27 5 -2:/-29 -3./-31 1 TOTAL 21.152.318.8 6.5 744 744 744 Element (X) No. Obs. Mean No. of Hours with Temperature 4097325 54263 72.913.737 ≥ 67 F Rel. Hum. 744 ₹ 73 F 10 F ± 32 F ≈ 93 F Total 532575 457526 22.813.928 68.3 95 93 Dry Bulb 17000 744 7.4 744 15658 77.0 Wet Bulb 0.8

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ORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AFETAC FORM

Dew Point

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GLUSAL CLIMATOLOGY RRANCH USAFETAC AI: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-80 DEC STATION MONTH PAGE 1 0300-0500 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.8. W.B. Dry Bulb Wet Bulb Dew Point 1 5. / 57 50/ 55 547 53 52/ 51 507 49 41/ 47 5 46/ 45 .1 5 17 17 44/ 43 1.1 • 1 6 421 41 1.2 • 5 • 1 15 15 13 4 41/ 39 22 1.1 1.2 • 7 22 14 36/ 37 1.1 25 1.6 6 36/ 35 2.2 2 . 4 44 44 33 3.0 35 341 48 48 3.0 3.□ 3 . 5 32/ 31 • 5 1.2 61 61 48 32 20 54 31/ 2.3 1.9 42 42 د آ 28/ 27 . 7 55 4.2 45 1.2 45 عد 22 2t/ 25 3.2 1.6 43 43 47 24/ 23 2.2 20 42 5. 1.9 3.1 42 42 42 22/ 21 41 2 u/ 19 3.4 41 46 51 1.1 1.1 18/ 17 •1 1.9 18 18 19 37 16/ 15 • 5 3.2 23 28 28 48 • 5 2.6 23 29 14/ 13 23 20 1.5 39 39 27 12/ 11 3.8 17 37 17 1 7 Ç • 9 7 20 20 12 2.0 21 6/ í5 61 5 . 7 2.4 23 23 22 1.5 19 29 3 1.1 19 21 3 ? 1 1.6 15 15 4 -1 6 14 -3 1.1 15 15 11 . 3 17 -4/ -5 14 14 13 1.6 -11 -7 13 • 1 No. Obs. Zx Mean No. of Hours with Temperature Element (X) X ≥ 67 F ≥ 73 F Rel. Hum. 5 0 F 1 32 F - 80 F e 93 F Total Dry Bulb

AC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 21 0-26-3 (OL A).

Wet Bulb Dew Point 1

GLCBAL CLIMATOLOGY BRANCH USFFETAC Alm WEATHER SERVICE/MAC

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GEORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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THIS FORM ARE OBSOLETE

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PREVIOUS EDITIONS

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FORM JUN 71

USAFETAC

PSYCHROMETRIC SUMMARY

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14742 BURLINGTON INTL VT 73-00 UFC STATION YEARS STATION NAME MONTH PAGE 1 0600-0800 HOURS .L. S. T.1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 54/ 53 . 1 4, 4 52/ 51 4 5.7 40 i 4 = / 47 3 • 3 • 1 7 . 3 40/ 45 • 4 . 1 6 6 4 . 3 • 3 44/ 43 12 12 42/ 41 1.3 •1 20 20 4 16 41 / 39 38 / 37 1.2 1.1 . 1 19 19 12 22 21 2.0 22 29 14

301 35 1.6 1.5 28 28 34/ 33 2.2 3.2 • 1 49 49 1.1 32/ 31 3.2 1.3 71 .4 4.6 71 40 29 . 8 2.2 45 3.7 2.7 45 60 28/ 27 . 1 2.7 25 25 45 25 2:1 55 55 • 1 4.7 55 24/ 23 1.2 1.7 23 • 1 22/ 21 3.2 37 1.1 . 7 37

51 51 14 33 ρΩ 22/ 19 • 3 3.6 32 37 49 . 4 15/ 17 2.0 • 1 19 19 24 ٥Ĉ 16/ 15 . 7 4.2 27 38 38 14/ 13 1.7 2.7 33 33 40 33 12/ 11 3.4 33 32 1.1 33 1.9 1:/ 2.6 33 33 38 31

7 1.6 21 5 • 3 23 61 13 1.5 13 12 25 27 4/ 3 ا8 ء 2.6 25 25 27 21 1 1.6 19 19 18 0/ - 1 13 13 19 • 4 16 . 4 22 -21 -3 • 1 £ 7 . 7 -4/ -5 . 8 11 11 11 11 -61 -7 . 8 6 6 6 11 -ê/ **-9** • 5 4 21

-10/-11 1.3 10 10 -12/-13 4 Element (X) Ž x ? Z X •, No. Obs. Mean No. of Hours with Temperature Rel. Hum. = 0 F ± 32 F ≥ 67 F ≥ 73 F ≥ 93 F Total Dry Bulb Wer Bulb Dew Point

GLCBAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GECRAL CLIMATOLOGY SPANCH USAFETAC AIR HEATHER SERVICE/MAC

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(F) 0 1 5 t / 55	. 7		8 9 - 10											HOURS IL.	
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GLURAL CLIMATOLOUY PRANCH USAFETAC AIS WEATHER SERVICE/MAC

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Wet Bulb			2420		161		21.7				744	5.4		5 . 1					\Box	,
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USAFETAC FORM 0-26-3 (OL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Dew Point

GLC: AL CLIMATOLOGY BRANCH USAFETAC AII JEATHER SERVICEZMAC

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GLOMAL CLIMATOLOGY SPANCH USAFETAC AIR MEATHER SERVICEZMAC

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5 A . UN				51	I ALLEA	AML				YEARS P.								PAGE ? <u>1</u>			
Temp.	WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 ≥ 3															TOTAL		TOTAL			
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AC FORM 0.26.3 (OL A. PREVIOUS FOITIONS OF THIS FORM ARE OBSOLFTE

Dew Point

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SET AL CLIMATOLOGY PRANCH USAFETAC AIR HEATHIN SERVICE/MAC

PSYCHROMETRIC SUMMARY

scillngton INTL VT 14742 73-60 DEC STATION YEARS STATION NAME MONTH PAGE 1 1508-1700 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 5t/ 55 . 1 5 54/ 53 • 1 52/ 51 5 • 1 5./ 49 - 1 3 47 . 4 46/ 45 . 1 . 1 6 6 44/ 43 15 15 14 42/ 41 15 13 • 1 39 32 1.3 1.1 1.1 16 3: / 37 .9 2.3 1.2 34 34 14. 11 36/ 3S 59 1.3 4.6 1.7 50 28 34/ 33 2.0 5.1 19 1.3 2.4 1.1 51 5 **5** 23 321 31 4.3 4.4 1.2 72 55 72 31/ 29 1.9 1.9 1.9 46 43 68 3.1 1.7 211 • 1 44 56 55 44 .3 3.5 1.3 26/ 25 43 47 57 43 23 35 24/ 1.6 2.4 35 65 39 .4 2.6 1.9 36 45 12/ 21 36 43 19 3.4 21/ • 5 1.7 42 42 40 41 18/ 17 3.1 1.1 35 35 39 47 16/ 15 2.3 21 33 21 35 14/ 13 .1 2.2 . 8 23 23 22 31 1./ 11 1.7 22 32 17 Ç .4 1.9 17 37 24 3.1 26 26 22 37 1.5 11 11 22 22 4/ 1.6 14 14 15 5 1 26 • 1 ./ -1 8 8 13 14 -1/ -3 . 1 1 -4/ -5 17 -c/ -7 12 2 -8/ -9 1 15 -10/-11 Z_X Element (X) Mean No. of Hours with Temperature Rel. Hum. ± 32 F Total Dry Bulb Wet Bulb

GLUPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT ύFC STATION NAME PAGE 2 1500-1700 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) -12/-13 -14/-15 -1t/-17 4 -16/-19 -25/-21 -22/-23 -24/-25 -26/-27 TOTAL 2.545.432.010.9 1.2 744 744 Element (X) ZX2 Mean No. of Hours with Temperature 50486 67.915.386 744 3601738 ≥ 67 F Rel. Hum. ≤ 0 F 1 32 F ≥ 73 F ≥ 80 F • 93 F 610615 Dry Bulb 19435 26.111.959 744 63.6 93 93 504607 17527 2.3 Wet Bulb 23.611.110 744 74.0 338375 12219 16.413.630 Dew Point 744 12.1 93 83.6

N. 21 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FETAC FORM 6.34

GLOBAL CLIMATOLOGY DRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-80 DEC STATION STATION NAME MONTH 1630-2969 PAGE 1 HOURS IL. S. T. Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) (.../ 59 • 1 56/ 57 • 3 56/ 55 3 64/ 53 5 51 21 • 4 4 4 5./ 40 • 3 4 5 40/ 47 • 3 6 6 4 / 45 44/ 43 2 • 1 • 1 • 1 6 42/ 41 • 3 10 10 • 5 . 3 11 -5 4./ 30 1.1 1.6 35 35 11 3:/ 37 27 1.2 27 1.3 • 8 10 36/ 35 1.2 2.6 • 3 35 35 38 10 34/ 33 1.7 67 4 - 3 2 - 3 67 40 71 :21 31 3.0 . 8 61 34 4 . 8 71 3./ 29 59 59 57 - 1 4.7 2.0 1.1 34 2:1 71 27 • 3 2 • 0 3.6 44 44 41 2.4 24/ 25 2.2 36 36 44 46 . 9 43 24/ 23 1.2 17 17 45 72/ 21 2.6 1.2 31 34 31 3.8 21/ 19 50 1.1 1.5 36 47 47 . 7 1.1 1 < / 17 2.8 34 34 41 36 • 5 16/ 15 2.3 • 3 23 23 31 42 14/ 13 - 1 2.7 20 26 26 36 17/ 11 1.2 2.2 28 28 33 2.6 11/ 1.1 27 27 31 7 25 35 €/ 2.2 21 21 5 :/ 1.9 17 14 14 26 3 4/ 1.6 13 13 17 24 30 1 2.3 17 17 12 -1 17 1.1 19 13 13 5 9 -5 16 -6/ 2 2 2 -1/ -7 Element (X) Žχ, ZX ø, No. Obs. Mean No. of Hours with Temperature Rel. Hum. ± 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb

AC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Wet Bulb Dew Point GLUBAL CLIMATOLOGY FRANCH USAFETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BURLINGTON INTL VT DEC 73-80 YEARS

1 600 - 2000 PAGE 2

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USAFETAC FORM ARE OBSOLETE

JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Dry Bulb				├ ─								+	\rightarrow		+	-+-		 		-	
Wet Bulb	i			1					L		'	1	L					·	.1	_1	

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Dew Point

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOSAL CLIMATOLOGY PRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-60 DEC
STATION STATION NAME

PAGE 7 2156-27//

PAGE 7 2100-2300

						WET	BULB	EMPE	ATURE	DEBE	SSION (<u> </u>						TOTAL		TOTAL	
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FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIH WEATHFR SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 SUPLINGTON INTLIVT 73-60 DEC
STATION STATION NAME YEARS MONTH
PAGE 1 ALL
HOURS (C. S. Y.)

Temp.								TEMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	× 31	D.B. W.B.		Wet Bulb	Dew Po
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5./ 49		• 2	• 1	- 1	• 1	• 1		Ì	ļ									3.3	3.3	18	
487 47		• 3	• 2	• 1	• 1													37	37	24	1
46/ 45	. 1	• 3	• 2	. 1	• 1	. 1			Ì	}			ł		1 1			46	46	34	1
44/ 43		• 7	• 5	• 3	• 3	ن•]										106	106	56	2
42/ 41	• 3	• 9	. 4	• 3	• 1			1										123	123	103	5
41/ 39	• 3	1.0	1.3	• 8	• 2													206	246	114	7
36/ 37	• 2	1.3	1.4	. 3	• ∪	• 0		ļ	ł	ļ)]]		! !			221	221	134	7
36/ 35	• 6	1.8	2.6	1.1	•0	•0												365	365	264	12
34/ 33	• 8	3.0	2.6	. 7		ľ		ļ				1						421	421	322	17
32/ 31	. 4	3.7	3.9	1.0														534	534	387	22
301 29	• 5	3.0	2.0	• 9			}	ł				}			1 _ 1			386	386	492	22
26/ 27	. 4	2.9	1.9	• 4														333	333	462	33
20/ 25	• 4	3.4	1.7	• 2		l	l					Ĺ · ·			1 1			338	338	400	40
24/ 23	• 5	1.9	1.1	• 1				Ī										214	214	390	23
22/ 21	1.1	2.8	1.3			}		L	<u> </u>			L l.			1			309	309	3 C 9	41
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Wet Bulb																					
Dew Point																		1			

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SLOBAL CLINATOLOGY PRANCHUSAFETAC ATF WEATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

BURLINGTON INTL VT 14742 73-80 DEC YEARS STATION STATION NAME MONTH PAUE 2 ALL HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) -:/ -9 31 31 31 167 -10/-11 26 26 26 -12/-13 51 • 1 6 6 6, -14/-15 53 17 17 17 -16/-17 11 11 11 3€ -15/-19 . 1 7 7 7 -25/-21 •1 4. 4 4 -:2/-23 -24/-25 10 -26/-27 -28/-29 -32/-33 ĩ TOTAL 15.651.624.4 6.8 • 9 5951 5951 5951 5951 Žχ Σx No. Obs. Mean No. of Hours with Temperature Element (X) 31501998 Rel. Hum. 424542 71.314.292 5951 ± 0 F ± 32 F = 67 F = 73 F = 80 F = 93 F 5951 744 4411366 141352 23.813.309 40.4 539.8 Dry Bulb 21.712.480 Wet Bulb 3730544 129174 5951 46.9 608.1 744 113.1 671.4 Dew Point 2658893 91855 5951 744 GLUBAL CLIMATOLOGY ERANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT. 73-81

STATION STATION NAME

PAGE 1 ALL
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USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOUY FRANCH JUSAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BURLINGTON INTL VT 73-81 ALL YEARS STATION STATION NAME MONTH PASE 2 ALL HOURS IL. 5. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 32/ 31 2593 2593 2526 3225 • 3 1 • 7 1 • 2 • 3 1 • 1 1 • 0 • 5 • 1 367 29 1.1 1.0 . 3 • 0 1865 1865 2463 2354 1712 1712 2197 2254 1662 1662 2210 2261 211 27 1.2 . 2 • 3 • 8 26/ 25 1.3 . 7 . 1 • 5 24/ 23 • 3 . 7 • 1 1006 1006 1666 1433 22/ 21 1.0 1347, 1347, 1445, 2009 1319 1319 1386 2110 1017 1017 1075 1625 21/ 19 1.1 . 1 . 4 14/ 17 • 9 11/ 15 • 4 972 972 1014 1392 • 1 14/ 13 1010 1010 1639 1255 • 2 12/ 11 944 944 1054 1317 • 2 1.0 • 1 11/ C • 9 • 1 820 920 1086 1038 7 . 7 580 938 580 - 1 732 • 1 £/ 5 - 1 . 6 477 477 623 683 3 41 . 7 540 540 575 890 538 1162 1 • 1 538 545 • 6 [/ -1 . 4 . 1 356 356 485 602 -21 -3 277 277 307 675 234 -41 -5 234 226 599 • 1 -6/ -7 • 2 • 0 164 232 450 164 -11 -9 • 2 148 148 148 5 u 1 l-1: /-11 105 135 105 369 -12/-13 47 47 233 47 • 1 -1+/-15 -1:/-17 107 107 107 277 • 1 66 €6 66 229 -1e/-19 -26/-21 - 1 39 39 39 240 122 • 0 28 28 28 -22/-23 • 9 17 17 17 **9**3 -24/-25 14 • 0 14 14 86 -26/-27 -26/-29 111 49 -35/-31 -32/-33 45 £ 5 34/-35 ZX' ŽX No. Obs. Y Mean No. of Hours with Temperature Element (X) Rel. Hum. 5 0 F ≤ 32 F ≥ 67 F ≥ 73 F - 80 F e 93 F Total Dry Bulb

THIS FORM ARE OBSOLETE **EDITIONS OF** 4 ಠ 0-26-3

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14742

Wet Bulb Dew Point TAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY DRANCH USAFETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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STATION				S	TATION N	AME				-				Y	ARS			PAG	£ 3	Α	NTH
																					(c. 5. T.)
Temp.				,	,					DEPRE							, -	TOTAL		TOTAL	
(F)		1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poin
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Wet Bulb		4424	8445	: 	8629		41.0			697					749					+	5760
Dew Point		1888			4637		35.3			697					356		24.0			- -	676C
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SECRAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14°42 BURLINGTON INTL VT

73-81

STATION STATION NAME YEARS

IRS. (LST)		JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP	OC†	NOV.	DEC	ANNUAL
	MEAN	15.7	17.5	29.7	39.7	51.9	60.2		63.2		44.2		22.8	41.
0-02	S D	14.6321	5.0551	12.003 1		9.487		7.122	7.307		9.751	10.314		20.00
	TOTAL OBS	744.	678	744	723	744	72.0	744.	744	720	744	720	744_	876
•	MEAN .	14.3	16.4	28.2	38.3	49.6	58.5	62.5	61.4	52.6	42.9	35.4	22.1	40.
1-05	S D	14.9711	5 . 6491	12.3081	0.464	9.652	8.843	7.66û	7.775	9.308	9.850	10.597	14.196	19.87
	TOTAL OBS	. 743.	678	744	720	744	720	744	744	720	744	720	744	876
•	MEAN	14.1	15.5	28.1	39.9	54.0	62.3	66.4	64.0	53.7	43.0	35.1	21.5	41.
مر 🗝	S D	15.1501	5.9311	12.3371	0.482	9.544	7.954	6.648	7.234	8.799	9.617	13.977	14.141	21.18
	TOTAL OBS	744	678	744	720	74	720	744	744	720	743	720	743	976
	MEAN	10.3	19.5	32.6	45.9	61.2	68.7	73.8	71.2	60.1	48.4	38.D	23.7	46.
-11	S. D.	13.9741	4.280	11.8451	1.373	10.311	8.137	6.322	6.924	7.987	9.014	10.711	13.123	22.42
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	876
	MEAN	19.7	23.8	30.4	49.7	65.6	72.8	78.3	75.6	64.1	52.2	41.0	26.3	50.
114	_	12.4011			- 1							10.782		22.72
1,-14	TOTAL OBS		678	744	720	744	720		744	720	744	720	744	876
·- · ·	TOTAL OBS		010		720	177	120			120		120		370.
	MEAN	20.2	24.8	37.4	50.8	66.3	73.3	78.8	75.9	64.3	52.1	4.6	26.1	51.0
117	5. D.	12.1701	3.036	11.7641	2.388	11.554	9.042	7.124	7.138	8.422	9.595	10.501	11.859	22.69
.	TOTAL OBS	743	678	744	720	744	720	744	744	720	744	720	744	976
	MEAN	17.9	22.1	34.3	47.2	61.5	69.J	74.1	71.1	59.6	47.9	38.2	24.2	47.
= ~20	\$. D.	13.0611			:							10.335	12.774	21.74
	TOTAL OBS		678	744	720	742	720	744	744	720	744	;	744	876
·	MEAN	16.4	19.7	31.7	42.6	55.6	63.2	67.6	65.7	56.0	45.6	36.7	23.3	43.
1-23		13.8651	1									10.142	,	20.36
	TOTAL OBS	,	678	744	720	741	720		744	720	744	720	744	876
	MEAN	16	19.9	72.7	0.0. 3	5.3.3	66.C	70.7	68.5	E 1	47 3	77 4	23.8	45.
ALL	S. D	16.7			44.2	58.2					47.0			
HOURS	TOTAL OBS				- · · · · · · · · · · · · · · · · · · ·					- 1				21.75
	TOTAL OBS	595	5424	5952	5760	5947	5760	5951	5952	5760	5951	5760	5951	7011

USAF ETAC FORM 0-89-5 (OL A)

SE PAL CLIMATOLOGY BRANCH PRESTAC ADS WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

19742	n A	LINGTON	INTL	V T			73-8	1						
STATION			STA	TION NAME						YEARS				
HRS ELST		JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ANNUAL
	MEAN	14.3	16.0	27.2	36.2	47.9	56.6	61.0	60.3	51.7	41.0	33.2	21.3	39.
0-02	S D	13.9821	4 . 4 32	11.365	9.192	8.800	7.650	6.364	6.824	8.630	9.117	9.569	13.125	19.14
	TOTAL OBS	7 4 4	678	744	720	744	720	744	744	720	702	720	744	872
	MEAN	13.5	15.1	26.1	35.0	46.4	55.4	59.7	59.0	50.4	40.1	32.7	20.4	37.
- -) =,	\$ D.	14.3231	5.029	11.712	9.386	9.321	3.104	6.855	7.277	8.880	9.343	9.820	13.346	19.14
-	TOTAL OBS		678		7,20			. <u>_ 7</u> 44		720				372
	MEAN	12.7	14.3	26.1	36.6	49.7	58.3	62.4	61.2	51.4	40.3	32.5	19.8	38.
4 - 38	\$. D.	14.5511	5.345	11.795	9.438	8.805	7.354	6.384	6.768	8.512	9.280	10.174	13.307	20.18
	TOTAL OBS	744	678	744	720	744	720	744	744	720	701	720	743	872
	MEAN	14.5	17.8	29.6	40.4	53.3	61.4	65.6	65.0	55.6	44.2	34.8	21.7	42.
-11	\$ D.	13.4461	3.740	11.064	9.413	8.758	7.120	5.789	6.103	7.621	8.746	9.790	12.317	20.18
	TOTAL OBS	7 4 4	678	744	720	744	720	743	744	720	699	725	744.	872
	MEAN	17.7	21.3	32.1	42.2	54.7	62.6	66.5	66.0	57.G	46.0	36.7	23.9	44.
114	\$ D.	11.9141	2.552	13.683	9.421	8.698	7.075	5.727	6.217	7.590	6.796	9.660	11.239	19.37
	TOTAL OBS	744	678	744	720	744	720	743	744	720	700	720	744	872
	MEAN	18.0	21.9	32.5	42.6	54.6	62.5	66.4	65.9	57.0	45.5	36.1	23.6	44.
1:-17	\$. D.	11.6261	2.241	10.283	9.387	8.463	6.867	5.581	5.901	7.639	8.686	9.442	11.110	19.15
	TOTAL OBS	743	678	744	720	744	720	744	744	720	703	720	744	872
	MEAN	16.1	19.8	30.4	40.6	52.7	60.8	65.0	64.2	54.9	43.2	34.6	22.0	42.
-21	\$. D	12.459	2.971	10.268	9.109	8.397	6.801	5.495	6.092	7.903	8.713	9.329	11.9R1	19.34
	TOTAL OBS	744	678	744	720	742	720	744	744	720	702	720	744	872
	MEAN	14.0	17.9	28.7	38.1	50.0	58.3	62.7	61.8	52.9	41.9	33.6	21.3	40.
1-23	5. D.	13.1951	3.839	10.640	8.914	8.480	7.117	5.814	6.340	8.213	8.967	9.415	12.681.	19.15
	TOTAL OBS	744,	678	744	720	741	720	743	744	720	702	720	744	872
ALL	MEAN	15.3		29.1									21.7	41.
HOURS	S. D	13.3341	4.051	11.256	9.658	9.152	7.706	6.445	6.925	8.490	9.213	9.757	12.480	19.58
,100k3	TOTAL OBS											5760		6977

USAF EYAC FORM 0-89-5 (OL A)

LUBAL CLIMATOLOGY BRANCH CHAFETAC AT REATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14742	8 38	PLINGTON	INTL	V T			73-8	i						
STATION			STA	TION NAME						YEARS				
HRS -1.5.T		JAN	FEB.	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP	ост	NOV.	DEC	ANNUAL
	MEAN	7.4	9.4	21.1	30.8	43.7	53.8	58.7	58.3	49.5	37.3	78.1	15.1	34.5
, C-1	S D	16.4361	7.081	14.0061	0.533	10.146	8.242	6.773	7.171	9.163	10.324	11.1161	15.026	21.400
	TOTAL OBS	. 744.	678	744	723	744	720	744	744	720	702	720	744_	8724
ř	. MEAN	6•∂	8.7	20.5	30.1	43.0	52.9	57.8	57.4	48.5	 36•5	27.7	14.7	53.8
,=	5 D	16.6351	7.566	14.1641	0.703	10.059	8.567	7.104	7.456	9.261	10.401	11.245	15.026	21.395
	TOTAL OBS	743.	678	744,	7,20	744.	720	744	744	720	702	720	744_	8723
ŧ	MFAN	 ∪ • 4	8.1	27	31.6	45.5	55.2	59.8	59.3	49.5	36.8	27.6	14.1	34.7
·	5 D	17551	7.8341	14.2461	0.780	10.129	8.218	6.763	7.078	8.985	10.472	11.387	15.330	22.218
•	TOTAL OBS	744.	678.	744.	720	744	720	744	744	723	791.	120	743_	8722
1	MEAN	7.9	13.9	23.0	32.8	45.8	56.1	60.3	61.0	51.9	39.6	29.5	15.6	36.3
1		16.1821	6.773	14. 391	1.021;	10.879	8.750	7.573	7.233	8.802	10.543	11.218	14.127	21.855
•	TOTAL OBS	. 744.	678.	744.	726.	744	ن 72	743	744	720	699	720	74.4	8720
}	MEAN	9.7	13.2	23.7	32.4	44.9	55.5	59.1	60.0	51.2	39.3	29.9	17.5	36.4
114	\$ D	15.1781	5.9991	13.7321	1.289	11.170	9.238	8 . 179	7.961	9.431	11.184	11.534	13.598	20.951
	TOTAL OBS	7.44	678,	744.	<u>723</u>	744	720	743	744	720	700	720	744	8721
	MEAN		12.9	23.3	34.9	44.2	54.9	58.5	59.5	50.8	38.3	29.0	16.4	35.9
-17	5 D	15.0021	6.0611	13.4421	1.643	11.399	9.160	8.189	8.054	9.727	11.119	11.425	13.630	20.886
<u> </u>	TOTAL OBS	. 743.	678.	7,44	<u> 720</u> .	744	720	744	744	720	700	720	744	8721
}	MEAN	 8 • 3	11.6	22.3	31.6	44.2	54.8	59.1	59.7	50.8	37.8	20.6	15.3	35.4
2~	S D	15.5261	6.4240	13.4371	1.443	10.897	8.822	7.459	7 . 635	9.349	10.726	11.191	14.239	21.319
	TOTAL OBS	744	678	744	720	742	720	744	744	720	702	720	744	8722
<u> </u>	MEAN	7.5	10.7	21.9	31.4	44.4	54.5	59.4	59.1	50.2	37.3	20.2	15.2	35.1
1-23	\$. D.	15.8741	6.939	13.6951	3.744	10.229	8.171	6.763	7.103	9.083	13.522	11.008	14.639	21.407
	TOTAL OBS	744	678	744	720	741	720	743	744	720	702	720	744	8720
All	MEAN	7.9	10.7	22.1	31.6	44.5	54 . 7	59.1	59.3	50.3	37.8	28.6	15.4	35.3
HOURS	S D	16.0461	6.924	13.8911	1.046	10.615	8.699	7.402	7.533	9.281	10.712	11.286	14.443	21.448
	TOTAL OBS	زر 595 ن	5424	5952	5760	5947	5760	5949	5952	576G	5608	5760	5951	69773

USAF ETAC FORM 0-89-5 (OL A)

SLOBAL CLIMATOLOGY BRANCH SEFETAC

A: WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 STATION

BUPLINGTON INTL VT

74-81

JAN

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30°.	40%	50%	60%	70%	80%	90°	RELATIVE HUMIDITY	NO OF OBS.
JAI.	JB-02	100.0	100.0	100.3	98.3	93.1	71.4	51.5	25.5	7.0	70.2	744
	J3-35	100.0	100.0	99.7	98.9	92.1	74.2	51.1	26.5	8.6	75.8	743
	u6-08	100.0	100.0	99.9	99.3	93.4	76.5	54.7	28.8	9.5	71.8	744
	6) -11	170.0	100.0	99.9	98.8	90.7	71.9	48.7	24.7	7.1	69.7	744
	12-14	100.0	99.9	99.9	96.4	81.5	61.3	37.9	23.4	5.5	65.8	744
	151	100.0	99.9	99.3	95.2	75.4	57.7	33.5	20.3	3.4	64.1	743
	13-20	100.0	100.0	99.7	96.9	82.7	64.7	40.2	23.6	5.4	66.6	744
	_1-23	100.0	100.0	100.0	98.7	88.3	67.5	44.2	23.0	7.3	68.5	744
		ļ										
												
TO	TALS	100.0	100.0	99.8	97.8	87.2	68.2	45.2	23.7	6.7	68.4	595

USAFETAC FORM 0-87-5 (OL A) DL.BAL CLIMATOLOGY BRANCH WEAFFITAC AT WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742	AURLINGTON INTL VT	-
STATION	STATION NAME	

74-81 PERIOD

FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60°•	70°	80°-	90%	RELATIVE	NO OF OBS:
F E B	00-02	130.0	100.0	99.7	98.1	92.3	72.9	50.4	31.6	11.9	71.1	679
	j3 − 05	100.0	100.0	99.9	99.4	92.5	77.0	54.3	32.2	12.9	72.3	67
	U6-08	100.0	100.0	99.9	99.3	92.2	78.8	58.1	31.3	13.3	72.9	678
	59-11	100.0	100.0	99.7	97.2	89.2	71.8	47.9	25.8	11.1	69.9	678
	12-14	100.0	100.0	99.9	95.3	80.8	56.6	33.8	23.8	8.1	64.9	679
	15-17	100.0	100.0	98.8	90.0	71.7	48.8	28.3	16.1	6.6	61.9	679
·	19-20	130.0	100.0	99.7	93.4	82.0	55.8	36.4	19.6	8.0	65.1	678
	21-23	130.0	100.0	99.9	97.1	87.C	65.8	43.8	26.4	10.3	68.8	678
									 -			
τo	TALS	100.0	100.0	99.7	96.2	86.0	65.9	44.1	25.5	10.3	68.4	542

USAFETAC PORM 0-87-5 (OL A)

GECRAL CLIMATOLOGY BRANCH USAFETAC AT. REATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 BURLINGTON INTL VT STATION

74-81

MAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30∘.	40%	50%	60°¢	70° ₂	80°.	90°.	RELATIVE HUMIDITY	NO OF OBS.
MAS	02-02	100.0	100.0	99.2	96.0	87.5	72.8	54.2	36.3	14.7	71.7	744
	03-05	100.0	170.0	99.9	98.5	91.1	76.7	60.2	42.5	17.2	74-1	744
	36-08	100.0	100.0	100.0	99.2	91.1	79.8	64.0	43.3	17.2	74.9	744
<u></u>	09-11	100.0	100.0	99.3	95.2	81.9	67.7	50.1	30.6	11.2	69.3	744
	12-14	100.0	100.0	97.6	87.4	68.5	50.0	33.3	21.4	7.7	62.2	744
	15-17	100.0	100.0	96.0	81.6	61.2	44.2	29.6	16.9	6.3	59.3	744
	13-20	100.0	99.9	98.1	90.1	73.1	50.9	35.1	21.5	9.1	63.5	744
	21-23	130.0	100.0	99.3	94.9	84.1	64.1	46.0	28.8	12.6	68.6	744
		-					<u> </u>					
10	TALS	100.0	100.0	98.7	92.9	79.8	63.3	46.6	30.2	12.0	68.0	5952

USAFETAC FORM 0-87-5 (OL A) SLUBAL CLIMATOLOGY BRANCH PRAFETAC AT- WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 BURLINGTON INTL VT

74-81

APR

STATION NAME

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	7		PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70°4	80°.	90°∈	RELATIVE	NO OF OBS
APP	00-02	100.0	100.0	99.4	96.8	90.1	78.6	53.6	31.9	13.8	72.2	720
	03-05	100.0	100.0	99.3	97.6	91.7	81.9	63.1	38.6	17.2	74.9	720
	06-08	100.0	100.0	99.6	97.5	91.5	78.8	60.3	39.4	16.3	73.8	720
	J9-11	100.0	100.0	97.4	87.1	69.4	51.5	35.6	20.8	9.6	62.8	720
	12-14	100.0	99.6	89.4	70.8	50.8	36.7	25.4	16.5	6.4	55.1	720
	15-17	100.0	98.6	84.0	63.3	44.4	34.2	24.6	15.4	6.0	52.7	720
	13-20	100.0	100.0	93.8	77.5	57.8	40.0	29.9	19.4	8.5	58.0	720
<u>.</u>	21-23	160.0	100.3	99.0	93.2	82.1	61.8	38.3	25.4	10.0	66.5	720
			+									
τo	TALS	100.0	99.8	95.2	85.5	72.2	57.9	41.4	25.9	11.0	64.5	5760

USAFETAC FORM 0-87-5 (OL A)

GLEBAL CLIMATOLOGY BRANCH UNAFETAC Almoreather Service/Mac

RELATIVE HUMIDITY

14742	BURLINGTON	INT	L VT
STATION			STATION NAME

74-81

PERIOD

HAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	,		PERCENTAG	E FREQUENC	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60°•	70°•	80%	90°∘	RELATIVE HUMIDITY	NO OF OBS.
MAY	00-02	100.0	100.0	100.0	98.1	93.1	83.1	66.0	39.7	11.7	74.8	744
	33-05	100.0	100.6	99.9	98.9	96.4	89.1	78.5	52.6	19.2	79.1	744
	J5-08	100.0	100.0	99.6	98.4	93.4	81.6	62.8	33.3	11.7	74.3	744
	59-11	100.0	100.0	97.8	86.4	66.1	42.3	25.9	14.5	3.4	59.2	744
	12-14	100.0	99.6	86.4	64.9	40.9	25.5	17.1	8.5	3.5	50.3	744
	15-17	100.0	98.3	81.6	57.5	39.2	24.6	17.7	9.3	3.2	48.8	744
	18-20	100.0	99.6	92.9	74.5	55.8	37.6	25.6	14.6	4.3	56.2	742
	.1-23	100.0	100.0	100.0	93.9	84.1	65.6	45.7	24.7	8.1	68.3	741
				-								
				 								
						ļ				<u> </u>		
το	TALS	100.0	99.7	94.8	84.1	71.1	56.2	42.4	25.3	8.1	63.8	5947

USAFETAC FORM 0-87-5 (OL A)

CLCCAL CLIMATOLOGY BRANCH L'AFETAC AT WEATHER SERVICEZMAC

RELATIVE HUMIDITY

14742	BURLINGTON	INTL	VT

73-80

JUN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	;		PERCENTAC	GE FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70°•	80%	90%	HUMIDITY	NO OF OBS.
JUN	00-02	100.0	100.0	100.0	100.0	97.9	89.9	79.9	58.1	15.7	8ú•1	720
	J3-05	100.0	100.0	100.0	99.7	98.5	92.9	84.4	65.0	23.3	92.4	720
	06-08	100.0	100.0	100.0	99.3	97.4	90.1	73.5	50.1	13.6	78.2	720
	39-11	100.0	100.0	99.9	95.0	82.5	62.6	40.3	18.2	3.6	65.8	720
	12-14	100.0	100.0	97.4	80.6	59.7	38.8	22.2	9.2	2.8	56.3	720
	15-17	100.0	100.0	94.0	76.1	54.0	37.4	21.5	13.8	3.3	55.4	720
	18-20	100.0	100.0	98.2	88.1	73.1	54.4	34.7	17.4	5.0	62.9	720
	21-23	100.0	100.0	100.0	99.3	93.8	82.2	65.1	34.4	9.4	74.5	720
τo	TALS	100.0	100.0	98.7	92.3	82.1	68.5	52.7	32.9	9.6	69.5	5 76 0

USAFETAC PORM 0-87-5 (OL A)

SLIBAL CLIMATOLOGY BRANCH G' FETAC AZ MEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742	BURLINGTON	INTL	VT
STATION		\$17	TION NA

73-80

JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF OBS.
MONTH	(L S T.)	10%	20%	30%	40%	50%	60%	70°•	80°.	90°-	HUMIDITY	
J: L	10-02	130.0	120.0	100.0	100.0	99.7	95.6	83.5	63.0	24,2	82.4	744
	3-05	100.0	100.0	100.0	100.0	99.5	96.6	86.3	72.4	38.0	85.3	744
	u6 -0 8	100.0	100.0	100.0	99.7	98.8	94.8	79.2	52.3	17.5	90.0	744
	⊌? -11	0.0 ن	100.0	99.7	96.6	83.6	55.7	29.3	14.9	2.2	63.9	743
	12-14	100.0	99.9	98.C	81.0	51.8	26.0	14.1	6.3	2.0	53.5	743
	15-17	100.0	99.7	96.9	72.7	44.4	23.8	15.3	9.0	1.9	51.9	744
	18-20	100.0	100.0	99.7	92.2	72.7	45.8	26.6	13.3	3.5	61.2	744
	21-23	100.0	100.0	100.0	100.0	97.7	87.9	65.7	38.9	9.0	75.6	743
				 					ļ <u>.</u>			
to	TALS	100.0	100.0	99.3	92.8	81.0	65.8	50.0	33.8	12.3	69.2	5949

USAFETAC 0-87-5 (OL A) GLURAL CLIMATOLOGY BRANCH GCAFETAC ATT WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742	BURLI
STATION	

BURLINGTON INTL VT

73-8J

AUG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60°-	70°•	80%	9 0°•	HUMIDITY	OBS.
ACS.	30-02	100.0	100.0	100.0	100.0	99.9	98.0	68.3	72.2	29.0	84.5	744
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	93.3	78.2	40.7	87.0	744
	36-08	100.0	100.0	100.0	100.0	100.0	98.7	92.2	71.9	28.5	84.9	744
	39-11	100.0	100.0	100.0	98.8	94.5	76.7	49.9	30.1	7.9	71.4	744
	12-14	100.0	100.0	98.9	92.3	71.5	41.4	22.3	13.0	3.2	60.0	744
	15-17	100.0	100.0	98.7	89.1	65.3	39.2	21.6	13.2	2.4	58.6	744
	15-20	100.0	100.0	99.9	97.6	89.2	68.4	45.3	23.3	4.7	68.4	744
	21-23	100.0	100.0	100.0	100.0	99.2	93.7	80.4	55.9	12.5	79.9	744
			 								-	
τo	TALS	100.0	100.0	99.7	97.2	90.0	76.9	61.7	44.7	16.1	74 • 3	5952

USAFETAC FORM 0-87-5 (OL A)

ELFRAL CLIMATOLOGY BRANCH USAFETAC ALM REATHER SERVICE/MAC

RELATIVE HUMIDITY

	BURLINGTON INTL VT	73-80	SEP
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70°•	80°-	90%	HUMIDITY	NO OF OBS.
SFP	J0-02	100.0	100.0	100.0	100.0	99.3	96.8	86.0	69.7	35.1	84.7	720
	u3 − 05	100.0	100.0	100.0	100.0	99.6	97.6	89.3	73.5	41.7	86.4	720
	d6 -39	100.0	100.0	100.0	100.0	100.0	97.9	91.4	72.8	37.6	86.1	720
	09-11	100.0	100.0	100.0	100.0	95.6	85.0	65.4	35.1	11.9	75.2	720
	12-14	100.0	100.0	100.0	96.8	77.9	58.1	32.8	17.5	5.8	64.5	720
· 	15-17	100.0	100.3	99.4	94.9	74.7	50.3	31.4	18.3	6.5	63.4	720
	18-20	100.0	100.0	100.0	99.6	95.8	79.2	57.1	34.2	13.6	73.7	720
	21-23	100.0	100.0	100.0	100.0	99.0	93.1	81.3	8.69	24.0	81.7	720
τo) TALS	100.0	100.0	99.9	98.9	92.7	82.3	66.8	47.7	22.0	77.5	5760

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH DOAFETAC AT. "EATHER SERVICE/MAC

RELATIVE HUMIDITY

14742

BURLINGTON INTL VT

73-80

OCT

STATION

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	- T		PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO. OF OBS.
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60°°	70°•	80°-	90°°	HUMIDITY	
JCT	00-02	100.0	110.0	100.0	98.9	96.0	86.0	64.7	50.3	23.4	77.7	702
	03-05	100.0	100.0	100.0	99.6	98.3	91.2	71.1	53.3	26.1	79.8	702
	ŭ€-08	100.0	100.0	100.0	99.7	98.4	91.6	74.2	53.6	26.1	80.2	701
	79-11	100.8	100.3	100.0	98.9	94.7	79.5	56.1	34.6	14.3	73.7	699
	12-14	100.0	100.0	98.7	94.1	76.9	51.3	35.0	18.9	10.1	64.5	700
	15-17	100.0	100.0	99.0	92.6	72.3	47.3	29.6	19.1	9.9	62.7	700
	18-25	100.0	100.0	100.0	97.9	90.3	71.5	45.6	29.6	10.1	70.3	702
	21-23	100.0	100.0	100.0	99.1	94.0	78.5	58.5	41.5	16.2	74.7	702
τo	TALS	100.0	100.0	99.7	97.6	90.1	74.6	54.4	37.6	17.0	73.0	5608

USAFETAC 0-87-5 (OL A) GLUBAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 BURLINGTON INTL VT
STATION STATION

73-80

NOV

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(L.\$.T.)	10%	20%	30%	40%	50%	60%	70°•	80%	90°	HUMIDITY	NO OF OBS.
NOV	00-02	100.0	100.0	99.9	98.8	91.9	79.6	60.3	40.3	15.7	74.2	720
	03-05	100.0	100.0	100.0	98.8	92.9	81.1	61.4	40.7	16.7	74.9	720
	06-08	100.0	100.0	100.0	99.2	93.8	81.9	63.3	41.1	16.7	75.3	720
	u9-11	100.0	100.0	100.0	97.9	92.2	76.5	55.6	33.1	17.2	72.6	720
	12-14	100,0	99.9	99.9	93.8	80.3	62.2	39.9	21.8	9.0	66.3	720
	15-17	100.0	100.0	99.7	94.4	76.8	59.3	35.0	19.3	7.1	65.0	720
	13-20	100.0	100.0	100.0	98.5	89.2	76.7	45.3	27.1	10.1	69.7	720
	21-23	100.0	100.0	100.0	98.9	92.1	77.5	54.2	32.8	12.5	72.5	723
			-									
TC	TALS	100.0	100.0	99.9	97.5	88.7	73.6	51.9	32.D	13.1	71.3	5760

USAFETAC FORM 0-87-5 (OL A)

SECRETAC ATT BEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742	BURLINGTON INTL VT	73-80	ÐĒÇ
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
	(L. S. T.)	10%	20%	30%	40°°	50%	60%	70°°	80°:	90	RELATIVE	NO OF OBS.		
DEC	00-02	100.0	100.0	100.0	99.2	94.6	80.6	56.3	33.6	10.6	72.9	744		
	u3 - 05	100.0	100.0	100.0	99.3	96.4	82.9	57.3	33.9	11.7	73.7	744		
	u6-08	100.0	100.0	100.0	99.7	95.7	82.8	56.7	34.7	11.4	73.7	743		
	9-11	100.0	100.0	99.9	99.7	94.5	78.4	52.7	29.8	11.0	72.0	744		
· <u>-</u> -	12-14	100.0	100.0	99.9	98.9	87.9	66.1	44.2	27.6	8.5	66.8	744		
	15-17	100.0	100.0	100.0	97.8	84.3	64.8	41.5	25.0	e . 1	67.9	744		
	18-20	130.0	100.0	100.0	98.4	89.0	71.5	46.8	28.1	9.1	69.8	744		
	21-23	100.0	100.0	100.0	99.5	91.7	76.5	52.8	32.1	10.6	71.9	744		
		-							-					
10	TALS	130.0	100.0	100.0	99.1	91.8	75.5	51.0	30.5	10.1	71.3	5951		

USAPETAC	101 64	0-87-5 (OL A)

GLETAL CLIMATOLOGY BRANCH

RELATIVE HUMIDITY

SCAFETAC AT REATHER SERVICE/MAC

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-	-	٠.	_	

A RELINGTON INTL VT STATION NAME 73-81

PERIOD

ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		MEAN	TOTAL								
MONTH	(L.S.T.)	10°•	20%	30%	40%	50°	60°€	70°	80°.	90%	RELATIVE HUMIDITY	NO OF OBS.
. در	ALL	100.0	100.0	99.8	97.8	87.2	68.2	45.2	23.7	6.7	63.4	595
FED		100.0	100.0	99.7	96.2	86.3	65.9	44.1	25.5	10.3	65.4	542
~ <u>L</u>	•	100.0	100.0	98.7	92.9	79.8	63.3	46.6	33.2	12.0	66.3	595
4F +		100.0	79.3	95.2	25.5	72.2	57.9	41.4	25.9	11.0	64.5	576
×31		100.0	79.7	94.8	84.1	71.1	56.2	42.4	25.3	8.1	63.8	594
JU-		100.0	100.0	98.7	92.3	82.1	68.5	52.7	32.9	9.6	69.5	576
JUL		100.0	100.0	99.3	92.8	81.0	65.8	50.0	33.8	12.3	69.2	594
Atta		100.0	100.0	99.7	97.2	90.0	76.9	61.7	44.7	16.1	74.3	595
5 r c		100.0	100.0	99.9	98.9	92.7	82.3	66.8	47.7	22.0	77.0	576
10 T		100.0	130.0	99.7	97.6	90.1	74.6	54.4	37.6	17.0	73.0	560
NOV		100.0	100.0	99.9	97.5	88.7	73.6	51.0	32.0	13.1	71.3	576
or c		150.0	100.0	100.0	99.1	91.8	75.5	51.0	33.5	13.1	71.3	595
101	TALS	100.0	100.5	99.8	94.3	84.4	69.1	50.7	32.5	12.4	69.9	6977

USAFETAC PORM 0-87-5 (OL A)

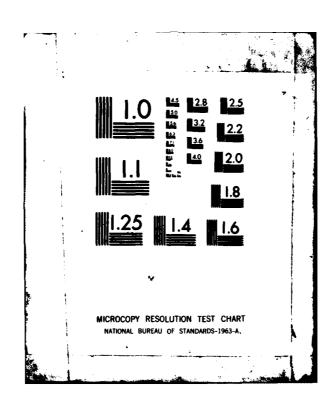
AD-A113 224

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BURLINGTON 1AP. VERMONT. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(II)
DEC 81
UNICLASSIFIED USAFETAC/DS-82/006

SBI-AD-E850 139

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

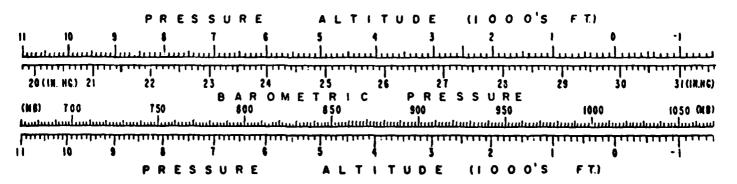
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLCBAL CLIMATOLOGY BRANCH USAFETAC Ale Meather Service/Mac

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

14742 BURLINGTON INTL VT

73-81

57471011

STATION NAME

YEARS

RS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	29.607	29.636	29.586	29.587	29.578	29.590	29.584	29.656	29.677	29.670	29.643	29.642	29.62
Cl	S D	.323	.298	.281	.236	.170	.176	.162	.135	.188	.239	. 280	.310	. 24
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	240	248	. 292
			· 	1 		<u> </u>		i 	İ		·			•
	MEAN	29.604			29.572				29.649	29.666	29.653	29.637	29.641	29.61
. 4	S. D.		.303				1				. –	-281	.314	. 24
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	. 292
	MEAN	29.627	29.647	29.674	29.610	29.605	29.614	29.611	29.682	20.405	79.483	20.440	20.664	29.64
. 7	S D	.330	1		1	l	1		•	1	- 1	. 284:		.25
	TOTAL OBS	249					240	:	-	1 -	_		248	-
	• • • • • • • • • • • • • • • • • • • •	<u> </u>		270	1	240	240	240	270	270	479	270	439.	. 276
	MEAN	29.635	29.646	29.603	29.597	29.592	29.603	29.600	29.674	29.691	29.677	29.664	29.675	29.63
ıĐ	5. D	.341												
	TOTAL OBS	248	226				l .		,					
	<u>.</u>	· •												
		29.592		i	:	1		1	1	1 :	i 1			
13	\$. D.	.342				1	,	1	,				• 320	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	292
	MEAN	29.581	29.600	29.550	29.549	29.539	29.558	29.551	29.628	29.637	29.629	29.623	29.629	29.56
l o	5. D.	.339			,		(ſ	ı			- 1	307	
	TOTAL OBS	247)	,)	1			;	,	248	292
	+	(·											
		29.637			i		_			1			,	29.61
J o	5. D.	• 339	,		.244		l					. 268	.308	. 24
	TOTAL OBS	243	226	248	240	247	240	248	248	240	248	240	248	29
	MEAN	29.609	20.630	29.580	20.58E	20.547	29.582	29.670	20.455	29.444	20.484	29.645	9.482	29.6
. 2	S. D.	.329										• 265	310	
	TOTAL OBS	248	226		240	1			1		i i	240	248	292
	·													
ALL	MEAN	1 '	,								29.659	29.645		29.61
HOURS	, S. D.	.334										.276	.312	.24
	TOTAL ORS	1983	1808	1984	1920	1982	1920	1984	1984	1920	1984	1920	1984	2337

USAF ETAC FORM 0-89-5 (OL A)

GLUBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

14742

BURLINGTON INTL VT

73-81

STATION

STATION NAME

YEARS

HRS. (L S T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
	MEAN	1015.9	1016.6	1014.8	1014.6	1014.1	1014.4	1014.2	1016.7	1017.5	1017.2	1016.7	1016.9	1015.8
1	S. D.	11.225	10.328	9.743	8.206	5.779	6.066	5.082	4.668	6.503	8.693	9.458	10.787	8.414
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
	•													
	MEAN			1014.6										1015.8
4	S D		10.528	9.795	8.481	6.006	6.382	5.141	4.797	6.662	8.880	9.690	10.864	8.573
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
	MEAN	1016.4	217.0	015.4	1015.3	1015.1	1015.7	1015.1	1017.5	1018.3	1017.0	1017.3	1017.6	1016.5
7	S D.		F	9.952						;				8.693
•	TOTAL OBS			1									248	2922
	•	# <u>E40</u>		270		270	240	570	240	640		<u>ED</u>	- 639.	
	MEAN	1017.0	1017.4	1015.7	1015.3	1014.9	1015.2	1015.0	1017.6	1018.3	1018.0	1017.7	1018.3	1016.7
10	S. D	11.789	10.695	10.043	8.695	6.087	6.561	5.275	4.971	6.741	8.999	9.769	10.977	6.757
	TOTAL OBS							1					248	2922
· · ·-	,	<u> </u>	-	ļ								į		
		11		I I									1016.7	1015.5
1.3	5 D			9.766							- 1	1 1	ži.	8.565
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
	MEAN -	1015.2	015.7	1013-8	1013.6	1013-1	1713-6	1013.3	1016.0	1016-6	1016.3	1016.3	1016.7	1015.0
16		11.716												8.350
•	TOTAL OBS		i .	248						1		240		2921
	•		1											
	MEAN	1016.0	1016.6	1014.5	1014.2	1013.4	1013.9	1013.6	1016.2	1016.8	1017.0	1016	3	1015.5
10	, S. D.	:11.538	9.926	9.354	7.891	5.470	5.881	4.836	4.461	6.471	8.432	9.126	10. 1	8.266
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
	·			<u> </u>										
_													1017.2	1015.9
. 2	S. D.	i	1	9.554						1			12	8.288
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
	MEAN	1016.0	1016.6	1014.8	1014.6	014.1	1014.5	1014.2	1016.8	1017.4	1017.2	1016.9	1017.2	1015.8
ALL	S. D	,,		9.712									H	8.504
HOURS	TOTAL OSS		r	1984									n	23373

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